NEPOSMART®

User Manual

Table of Contents

Getting Started

Setup

Neposmart Setup Using an iOS Device

Neposmart Setup Using an Android Device

Neposmart Setup Using a Windows PC

Neposmart Setup Using a Mac

Using the iOS App

Using the Android App

Advanced Settings and Features

Getting Started

Welcome to Neposmart. Neposmart connects directly to your wired or wireless network and allows you to conveniently open and close your garage door with the built-in Intelligent Garage Controller (patent pending) and monitor your garage through the integrated HD video camera from anywhere, through any internet-enabled device. This manual will walk you through the process of installing and using Neposmart.

Video tutorials are also available at https://neposmart.com.

What's in the Box?

Neposmart IoT Security Camera

Wireless Antenna
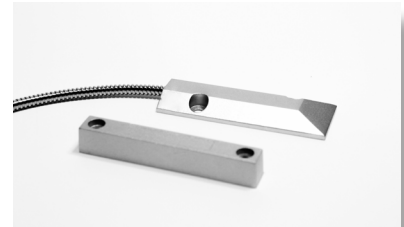
Magnetic Switch

Mount

Ethernet Cable

Screws

AC Adapter

Bell Wire

Documentation:

Quick Start Guides
Warranty Information
Safety Notice and Product Care
FCC Compliance

Front View:

1. Camera---The camera allows you to view what is happening in your garage, home or business

2. Focus ring---Turn to focus the camera if the picture is not clear.

3. Ambient light sensor---The ambient light sensor detects lighting conditions and automatically turns on night vision if needed.

4. Night vision lights---The night vision lights glow faintly when camera is in night vision mode.

5. Status lights---Two lights, a red and a blue light indicate the status of Neposmart. The red light indicates that Neposmart is on and has power. The blue light pulses when Neposmart is active and is sending and receiving data.

6. External Speaker---Allows you to hear what is happening in your garage, home or business

7. SDHC card slot---Insert an SDHC card (supports cards up to 32 GB) to save snapshots and video from the integrated camera.

8. Microphone---Allows you to speak through the camera

Rear View:

1. Power port---Connect the included AC adapter to power Neposmart.

2. WiFi antenna port---Connect the included WiFi antenna to connect Neposmart to a wireless network.

3. Reset button---Used for Wifi protected setup or for resetting Neposmart to factory default.

4. Ethernet port and lights--- Connect Neposmart to a wired network. Two lights indicate network status. The amber light indicates that the Ethernet port has power. The green light blinks when Neposmart is sending and receiving data through the Ethernet port.

5. Audio IN---Connect Neposmart to a line-level microphone or line-level audio input device.

6. Audio OUT---Connect Neposmart to speakers.

7. OUT/IN Port---Connect Neposmart to your garage door switch/magnetic door sensor

Setup

This chapter will walk you through the process of setting up your new Neposmart and connecting it to your garage.

Requirements for Installation

1. Your Neposmart with the included accessories and software

2. A wireless router
   > Your Neposmart can be connected wirelessly using Wifi or wired using an Ethernet cable. If you are connecting your Neposmart wirelessly, a moderately strong Wifi signal is necessary. You may also connect Neposmart using an Ethernet cable or use a Wifi extender or bridge.

3. iOS, Android device, Windows PC or Mac OSX

4. A garage door opener with a safety eye system or equivalent safety system. (For Intelligent Garage Controller use)

Initial Setup

This initial setup will show you how to connect Neposmart to your wireless network.

1. First, connect the Wifi antenna to the antenna port on Neposmart. Note: If you are permanently connecting your Neposmart in your garage using Ethernet, you may skip this step.

2. Connect Neposmart to a power outlet using the included power adapter. Wait one minute for Neposmart to start. You may see the camera move around while Neposmart is initializing.

3. Connect Neposmart to your network. You can do this in two ways. You may simply connect Neposmart using the included Ethernet cable or using Wifi Protected Setup. If your router or modem does not support Wifi Protected Setup, you must connect it using an Ethernet cable.

(Skip if Neposmart is connected to your network with an Ethernet cable)
4. To use Wifi protected setup, follow the instructions that came with your router. To pair Neposmart with your router, press the WPS Button on your router and the reset button at the back of your Neposmart Camera for five (5) seconds and release. Wait one minute and Neposmart should connect to your network. If the pairing process fails, you may repeat this step or you may also choose to connect your Neposmart to your network with an Ethernet cable.

5. You may now proceed to the appropriate following sections to continue setup.

Neposmart Setup using an iOS Device

If you use an iPhone, iPod touch, and iPad, these instructions will show you how to set up Neposmart with your device. What you may see on your screen may differ from what is shown here depending on the version of iOS you are using and the size of your screen.

Step 1 – Downloading and Using the Neposmart App

1. You may download the Neposmart app by going to the App Store on your device and searching "Neposmart."
You may also scan the QRCode on the right using an application such as RedLaser

2. Open the Neposmart app on your device.

3. You will receive a prompt asking whether you would like a quick in-app tour. It is highly recommended to take this voice guided tour by tapping "YES". **A**

4.Tap "Add Device" **B** and you should see a list of Neposmart devices. Choose your Neposmart from the list, and type the default 123456 into the password field **C** and tap "Add" **D** on the upper right corner.
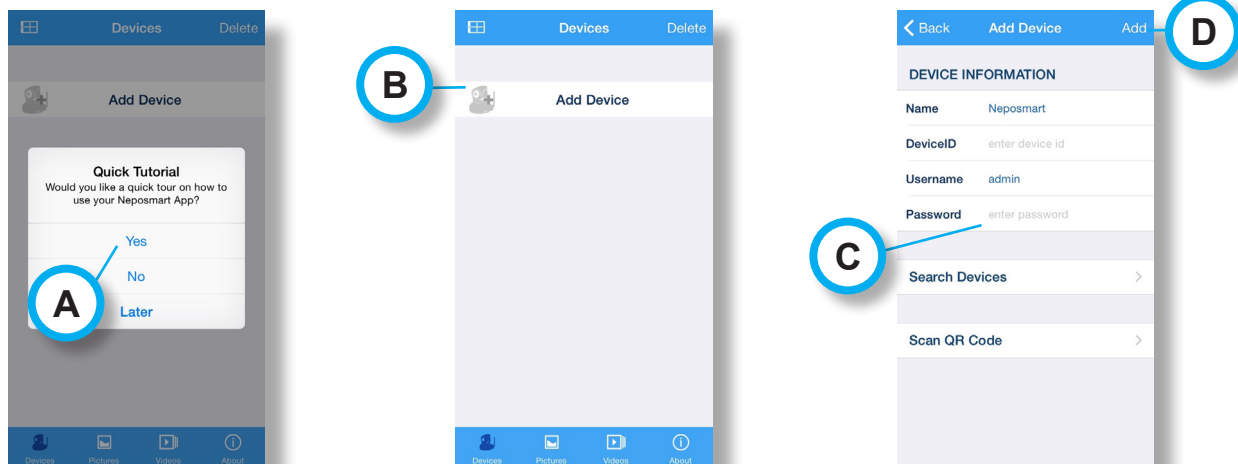
5. To familiarize yourself with how the app works, try viewing your actual video feed. Choose your device in the list by tapping **E** If everything is working properly, you should be able to see some video. You can swipe on the video to move the camera up, down and side to side **F**
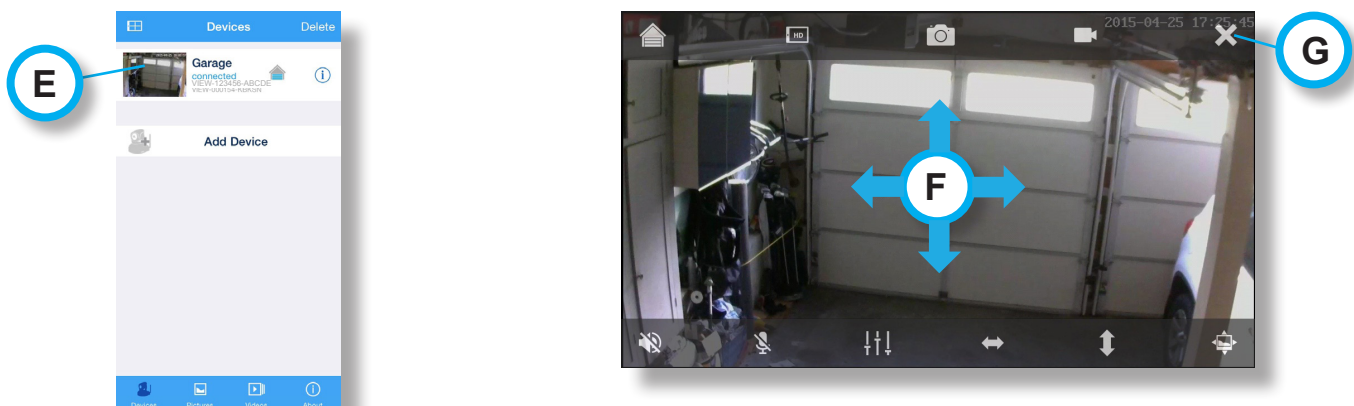
6. The ⌂ Icon allows you to open/close your garage door if you have connected one. You will need to complete the Intelligent Garage Setup with your garage door before you can control it via the Neposmart app.

7. More information on using the app can be found in the section on Using the iOS Neposmart app.

8. To return to the list of devices, tap the exit button on the top right **G**

Step 2 – Connecting Wirelessly & Changing Username/Passwords

1. In the list of Neposmart devices, tap ⓘ

2. Tap "Device Settings." Ⓐ

3. A few usernames/passwords need to be changed to make Neposmart more secure. There are a few usernames and passwords that Neposmart uses:

> a. The Camera Administrator is used to view the video, control and change Neposmart Device Settings
>   Default Username = admin
>   Default Password = 123456

> b. The Door/Garage is used to open/close the garage door
>   Default Username = garage
>   Default Password = 2015

> c. The Guest is used to view the camera but cannot control and change any Neposmart Device Settings
>   Default Username = visitor
>   Password = 123456

4. Tap "User Settings" Ⓑ

5. a. Change the default Camera administrator username/password. You can use selected special characters to strengthen your password.
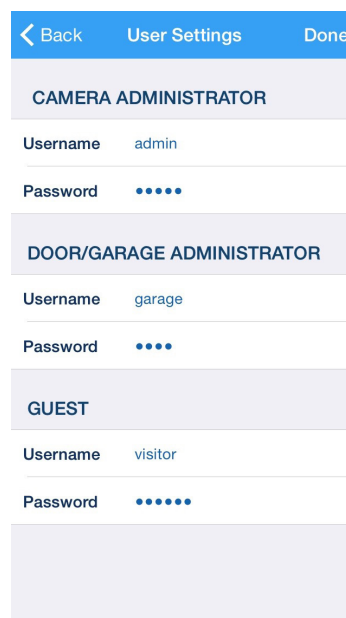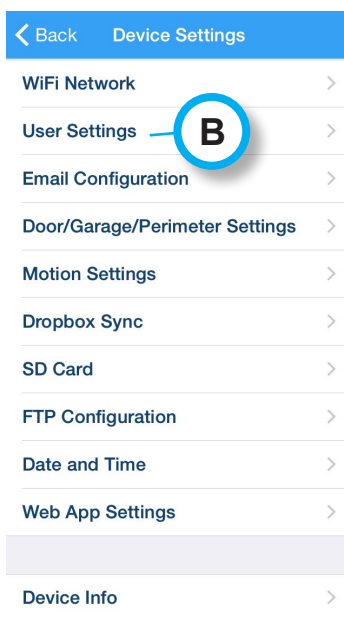   b. Change the default Door/Garage administrator username/password if you are going to use the Neposmart Intelligent Garage Controller. You can use selected special characters to strengthen your password.
   c. Change the default Guest username/password.

6. If you intend to use Neposmart wirelessly, you can connect it to your wireless network by tapping "WiFi Settings" You may have to wait a minute to allow the app to scan for networks. Select a wireless network for Neposmart to connect to from the list, and enter the password. Tap "Done" when you are finished. If your wireless network SSID is hidden, you must connect to it using Neposmart web browser settings instead. Please refer to "Network Settings", page 58 on how to change network settings using the web browser.

7. Your Neposmart is now ready for installation in your garage. You may now unplug it and take it and the rest of the items that it came with to your garage.

Step 3 – Installing Neposmart in Your Garage

Installing your new Neposmart in your garage is easy. The Neposmart is connected to two things that allow it to monitor and control your garage door. One of these is the magnetic switch included with Neposmart. This switch is mounted on your garage door and allows Neposmart to determine whether the door is open or closed. Additionally, Neposmart is connected to your garage door opening unit switch. This allows Neposmart to open and close your garage door. Both of these are connected using the included bell wire. Do not install Neposmart if your garage door does not have an electric eye safety system or equivalent safety system where the door will automatically reverse if something is blocking the door from closing to prevent harm or property damage.

1. The first thing you will want to do is disconnect your garage door opening unit from electrical power. You can do this from the circuit breakers, or you can unplug your garage door opening unit.

2. Collect your tools. You will need a Phillips screwdriver, a sturdy ladder if you are mounting Neposmart on the ceiling, wire-cutting pliers, wire strippers (if you do not have wire strippers you can also use a sharp knife or pair of scissors to carefully strip the wires), a hammer and cord staples or tape.

3. First, you will have to determine how you would like to connect Neposmart to your garage door opening unit. Take a short look at the button or button panel that you push to open and close your garage door. Neposmart can control garage doors that have single button or button-only controls directly. If the device that controls your garage directly has a screen, you will need to connect to your garage door opener wirelessly instead. This is accomplished by connecting a wireless garage remote control to Neposmart. (See "Connecting Neposmart to Your Wireless Garage Opener Remote" for instructions)

4. Before you begin connecting, pick a place to mount your Neposmart.

5. Ideally, Neposmart should be mounted so the camera has a good view of your entire garage, or at very least, the part of the garage you would like to observe. Make sure that the location has a moderately strong Wifi signal or that you can run an Ethernet cable to it. You may also use a Wifi extender or bridge to improve the Wifi signal if needed. You will also need a close-by power outlet, or be able to run an appropriately rated extension cord to that location.

6. Now that you have found a place to mount, take a good look at what you are mounting Neposmart to.
If the surface you are mounting on is wood, you can drill holes with a wood drill bit and use the included screws to mount it. If you are mounting to drywall, use the supplied screw-type drywall anchors to ensure that it will be secure. If using drywall anchors, screw the anchors in first, and then screw the bracket onto the wall. If you are mounting to a metal surface, use bolts or metal screws and the appropriate metal drill bit if needed.

7. Finally, attach your Neposmart to the bracket using the tripod socket on the base.
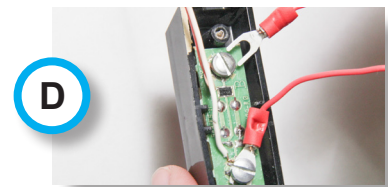
Connecting Neposmart Directly to Your Garage Door Opening Unit

If your garage door opening unit uses a button-only wall-mounted controller as in wall-mounted controller may have more buttons) you may use this method to install. There are two ways to connect Neposmart directly to your garage door opening unit. You may choose to connect Neposmart to the wall-mounted switch or directly to the garage door opening unit.
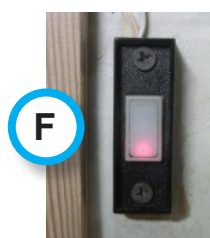
Connecting Neposmart to a Wall-Mounted Switch

a. If you are connecting Neposmart to the wall- mounted switch **(B)** remove it from the wall. These are typically secured with two screws. (For detailed instructions, consult the manufacturer of your garage door wall mount)

b. Loosen the two screw terminals on the back of the switch holding the wires connecting to the garage door opening unit.

c. Next, slide the spade connectors **(C)** on the end of the bell wires under the screw terminals and tighten. **(D)**

d. Remount the switch on the wall.

e. Find a path for the wires connecting your garage door opening unit to your Neposmart. Lay the wires, and cut them to the appropriate length.

f. To connect the other end of the bell wires to Neposmart, strip 1 cm or 1/2 an inch of insulation off the ends of the wires. **(E)** Insert either of the two wires into either of the two ports marked "OUT" on the rear of Neposmart.

B

C

D

If your garage door opening unit uses a button-only switch, **(F)** you may also connect Neposmart directly to the garage opening unit.

a. Consult the manufacturer of your garage door opener to find the locations of the screw terminals used to connect the button-only switch. These are usually located under one of the covers for the lights. **(G)**

b. Slide the spade connectors under the existing wires and tighten the screws.

c. Find a path for the wires connecting your garage door opening unit to your Neposmart. Lay the wires, and cut them to the appropriate length. Securing the wires is highly recommended.

d. To connect the other end of the bell wire to Neposmart, carefully strip 1/2 of an inch of insulation off the ends of the wires. Insert either of the two wires into either of the two ports marked "OUT" on the rear of Neposmart.

E

F

G

Connecting Neposmart to Your Wireless Garage Opener Remote

If your garage door opening unit uses a wall-mounted controller with a screen, (H) or it is difficult to connect Neposmart using wires, you may connect Neposmart to the wireless remote control of your garage opener. Optionally, you can purchase an extra remote control for your garage door opening unit from the manufacturer.

Connecting Neposmart to your existing remote control

a. Open your remote control (I) carefully and locate the pins of the switch behind the button you push to open or close the garage door. Pressing this button on the remote control that opens the garage door should connect these pins. Use a conductivity meter if you are unsure of whether it connects these pins or not when the button is pressed.

b. Solder a wire carefully to each of the two pins. If your remote has more pins behind each button, use a conductivity meter to find which pins are connected when the button that opens your garage door is pressed.

c. Drill or find a place where the wires will exit the body of the remote control. Route the wires (J) out of this place on the remote control and carefully close the remote control casing.

d. Strip 1 cm or 1/2 an inch of insulation off the ends of the two wires from the remote control. Insert either of the two wires into either of the two ports marked "OUT" on the rear of Neposmart.

Tips on Connecting Wires to Neposmart

Neposmart uses push-in wire connectors. When connecting wires, strip 1 cm or 1/2 an inch of insulation off the ends of the wires before inserting them. Push the wires into the holes until they stop and no bare copper is visible. When they are fully inserted, the orange tabs should be depressed If it is difficult to insert the wires, you may push the orange tabs, insert the wires, and release the orange tabs. To release the wires, push on the orange tabs and pull the wires out (K)
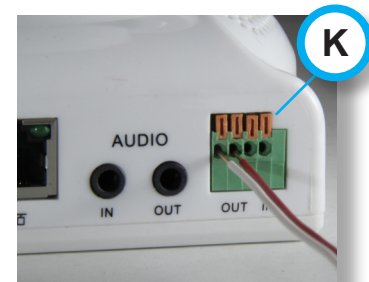
Mounting and Connecting the Magnetic Switch

The magnetic switch (A) allows Neposmart to determine whether the garage door is opened or closed. The magnetic switch has two sides. One side has wires leading out of it or terminals. This is the sensor side. The other side contains a magnet. The magnet side will need to be mounted on the garage door and the sensor side will need to be mounted on the side of your door, the wall, or the floor. Regardless of how the sensor and magnet are mounted, be wary of rollers, steel door balancing cables, hinges, springs, and other things that may be attached to your garage door.

1. The sensor needs to be within a certain distance from the magnet to work properly. The sensor should be placed within two inches of the magnet. As illustrated in (B) the sensor side is mounted on the top wooden fram near the ceiling and the magnet is attached using a double sided tape on the top frame of the garage door.

2. You may mount the magnet to the door with strong, double-sided tape on the smooth top and sides of the magnet metal or wood screws depending on the material of your garage door.

3. With the magnetic switch mounted, you may now find a path for the wires connecting the magnetic switch to Neposmart. Cut the wires to an appropriate length. Securing the wires to the wall is highly recommended.

4. Strip 1 cm or 1/2 of an inch of insulation off the ends of the wires. Insert either of the wires into either of the two ports marked "IN" on the rear of Neposmart. (C)

Note: While top wall mounting of the magnetic switch is illustrated, the switch can be mounted on the side wall or floor depending on your preference and garage layout. Whether the top, bottom, or sides of the sensor face the magnet does not matter as long as the magnet and center of the sensor are within 2" of each other. You can mount the magnet and sensor in any orientation as long as they are parallel. To simplify installation, you can also use double-sided tape on the smooth top surface of the sensor or the smooth sides or top of the magnet to the door or wall to mount them securely.
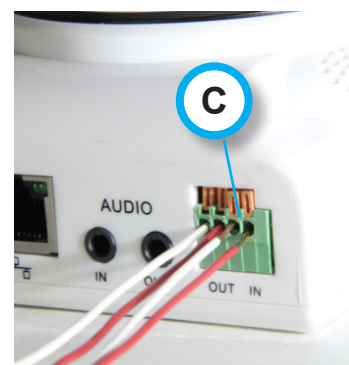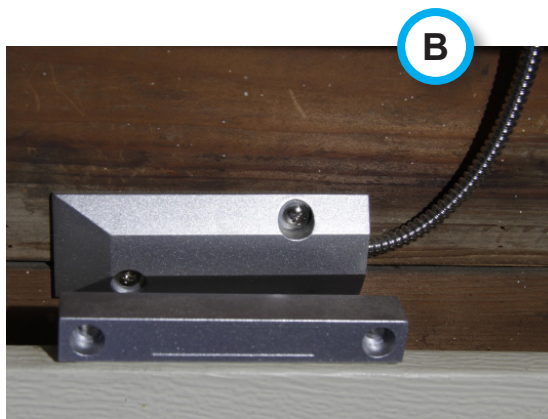
Finalizing Setup - Opening/Closing your Garage Door

1. Now that Neposmart is connected to your garage door opener, you can now use Neposmart to open and close your garage.

2. On your iOS device, bring up the Neposmart app.

3. You can open/close your garage by going to the video view and tap the garage icon (D) . Use your voice to open and close the garage door. Gently shake your phone and you will hear Voice Command. Say "please open garage door" or "please close garage door" to activate. You can also tap the garage icon from the Device List (E) but only use this option if you have a view of your garage door. The garage icon on the Device List will only be visible if the garage/door password is changed from its default value and the Neposmart Camera is connected.

4. With the garage magnetic door sensor installed, enable the door sensor by going to Device Settings and select Door/Garage Settings. Tap and enable Door Detection (G) The heavy duty magnetic switch delivered with your Neposmart is an N.C. (Normally Closed) sensor. Leave the Door Sensor Type as N.C. (H)
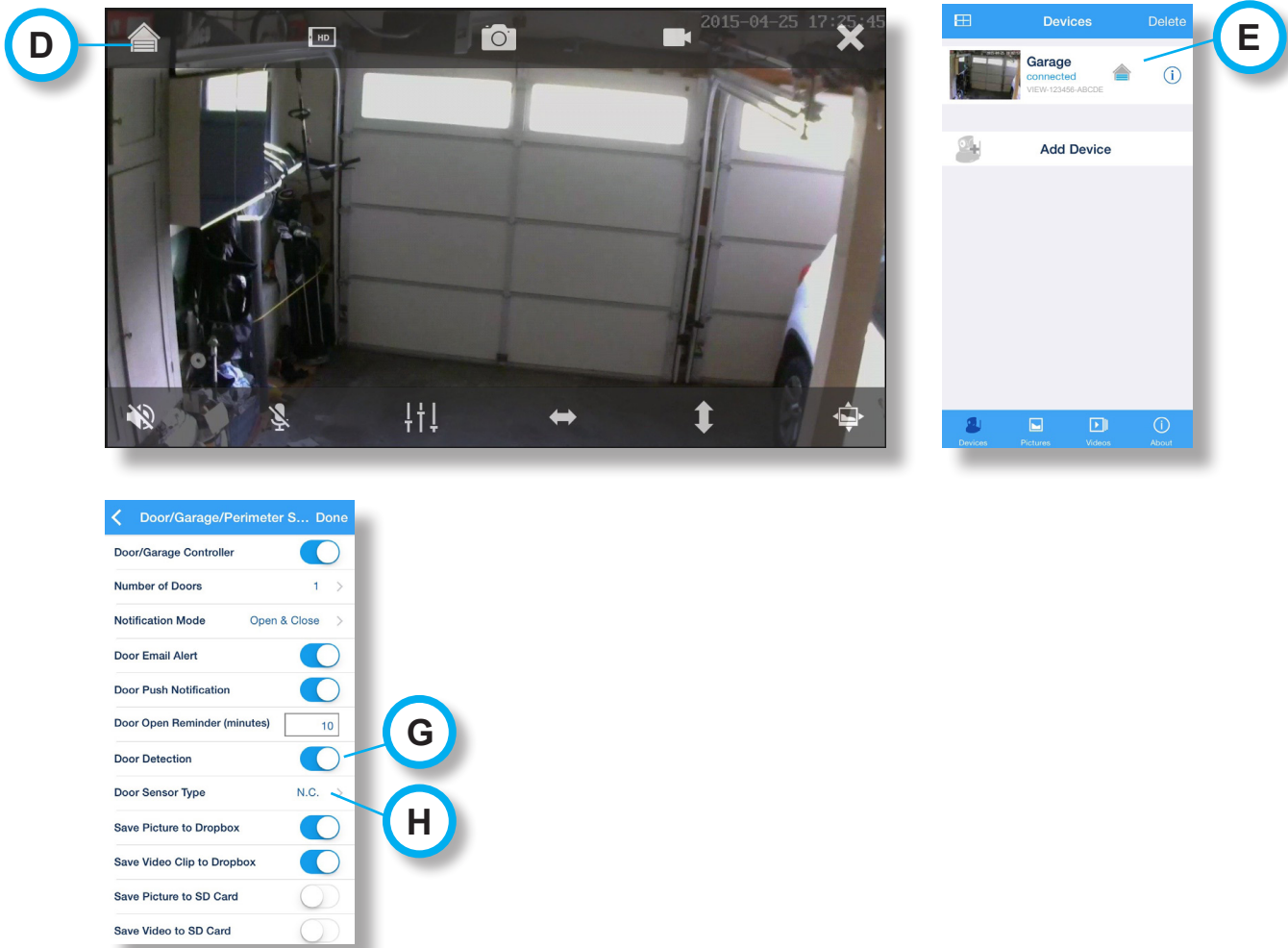
Step 4 – Setting Up Garage Door Alerts

There are several options available to receive real-time door alerts and images. These include:

      a. Email messages with image attachments when the garage/door opens or closes
      b. Email text alerts using the email to SMS function through your cellular carrier.
      c. Apple Push Notification Service (APNS) to receive alerts
      d. Door open/close images directly uploaded from your Neposmart to your Dropbox Account.

Email and Text Alerts

1. Go to Device Settings and tap Email Configuration **(A)**

2. In the Email Configuration screen, you can have Neposmart send an email when your garage is opened, closed or when motion is detected. First, you must pick a sender email address from which to send the alerts. When Neposmart sends the alerts, it will be sent from that email address. In this example, the sender email address is myneposmart@ hotmail.com. Select your email provider **(B)** from the dropdown or press "other" to enter a custom SMTP server that is not listed. In this example, choose Live for smtp.live.com since we are using @hotmail.com. (Check with your email provider for 'outgoing server settings' if you are unsure what the SMTP server is). Enter the email address and Password for sender email in **(C)**

3. You can add up to 3 additional recipient email addresses to receive alerts. Enter valid email accounts to the "Recipient" fields. If you would like Neposmart to send a text message alert, you will need to enter the SMS email address. The example in **(D)** is for Verizon (Typical format is <your cell>@<mobile carrier email>.A list of email to SMS email addresses can be found at http://www.emailtextmessages.com. For instance, if you are using Verizon and your number is 2031234567, then you would enter 2031234567@vtext.com in the list of email addresses.

4. When you are finished, tap "Done." **(E)**

Note: There can be a total of 6 email recipients. To add more than 3 recipients, you can use the web browser app and go to Settings > Advanced > Email Configuration
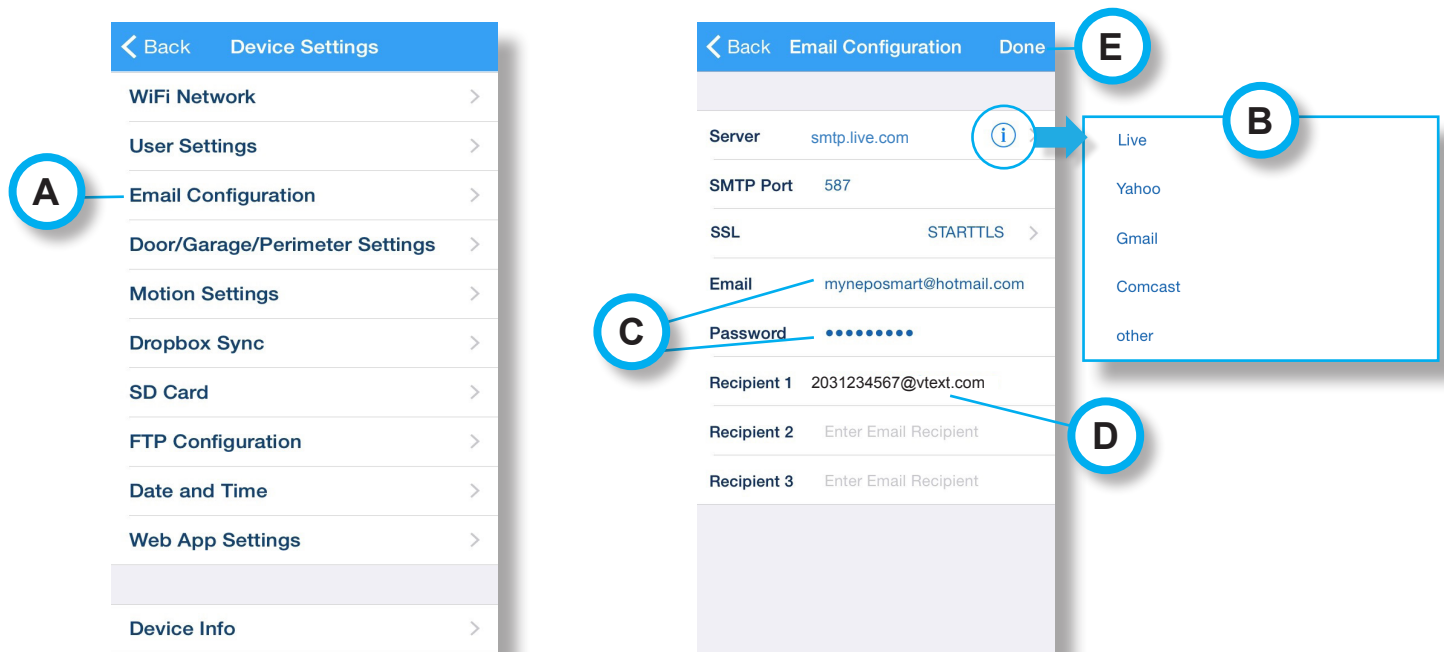
Configuring iOS Push Notifications

Another notification system utilized by Neposmart is the APNS (Apple Push Notification Services).

Neposmart can send open and close garage door notification using APNS. To enable APNS notification, please do the following:

1. When Neposmart is first started, a dialog box will appear **(A)** "Neposmart" Would like to Send You Push Notifications. The Neposmart is your IP Camera. Press OK to enable APNS.

2. Another way to enable APNS for Neposmart is to go to your iOS Settings and tap Notifications **(B)** Select Neposmart. Enable Allow Notifications and then select your option whether to enable sounds, Badge App Icon and Show on Lock Screen

3. To enable the sending of notification from Neposmart, go to Neposmart app Device Settings and enable Door Push Notification **(C)** and Door Detection. **(D)**

4. To ensure everything is in sync and APNS is properly activated, you can exit from your Neposmart app and start it again.
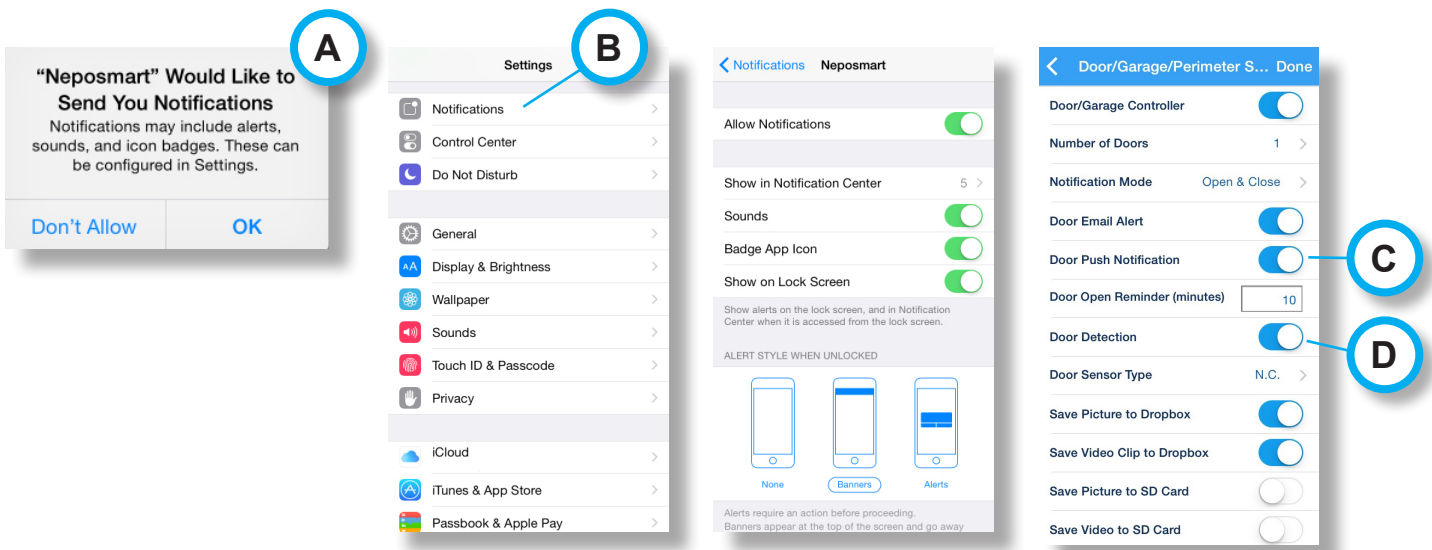
5. As soon as you open or close your garage door, a notification will be sent on a Lock screen (A) if enabled or display a notification when you are using your iOS and the Neposmart app is not running. (B)

6. Behind the scenes, Neposmart maintains certificate files to allow sending of notification using APNS. The certificate expires in a year at the time of issuance. APNS will stop sending if the certificates stored in your Neposmart camera has expired. Before expiration of your certificates, you will be prompted to update the certificates from your Neposmart app. One visible indication if there is an update needed is the (i) icon on the right of your camera will turn red. (C) When you press the red (i) icon, a dialog box will appear. (D) Tap OK and updated certificates (or important software updates) will be applied to your Neposmart IP Camera.
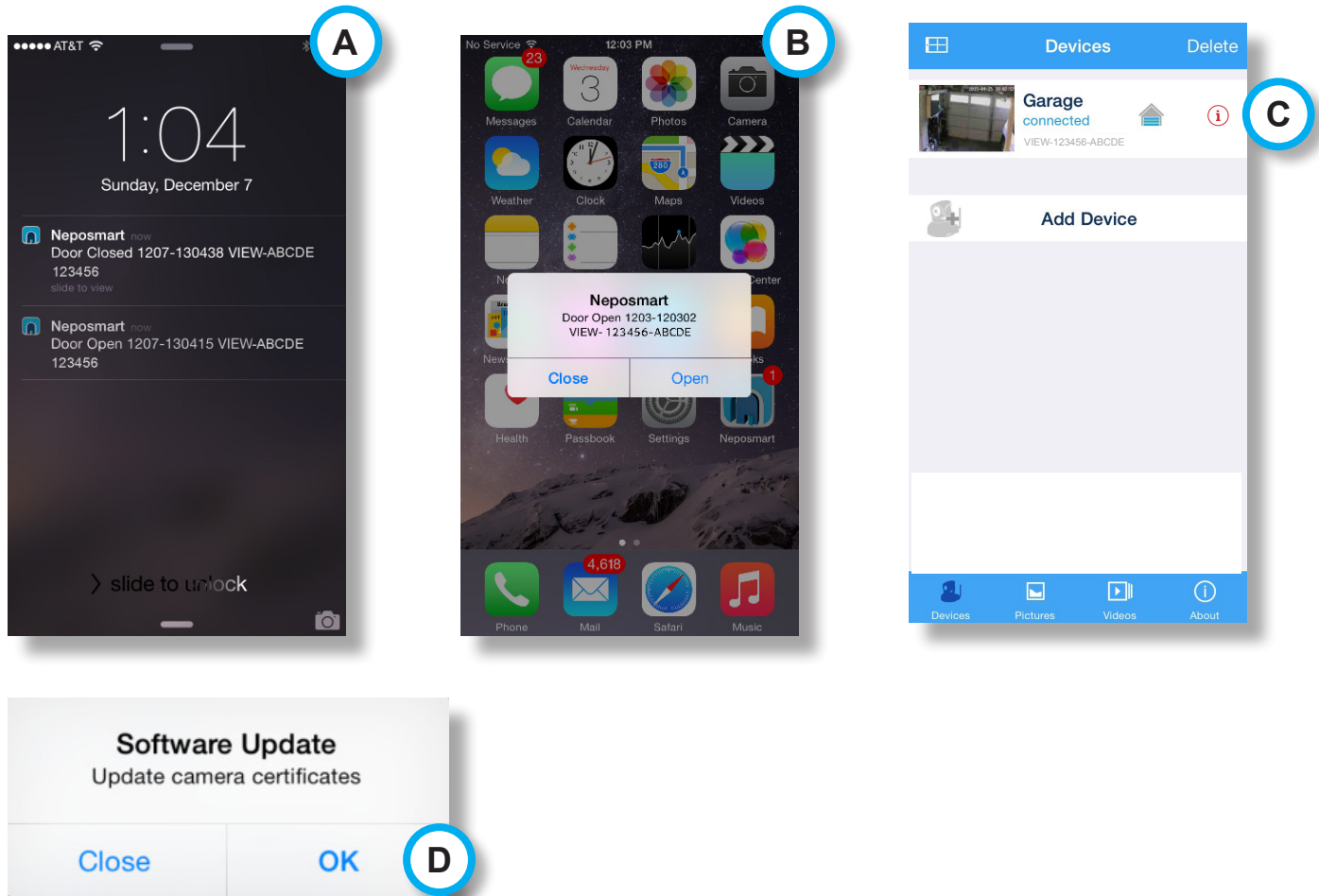
Congratulations! You have finished setting up Neposmart and ready for use. You can use your iOS device to control and monitor your garage anywhere, anytime. With the advanced networking technology used by Neposmart, you do not have to fiddle with your router and do any port forwarding to access your Neposmart externally from your iOS device. Enjoy!

Configuring Dropbox Sync Using iOS

Neposmart can be configured to automatically upload open/close door, open door short video clip, and motion detected files to your local Dropbox account. Once configured, Neposmart will upload two images a few seconds apart when the garage door opens, a 15 second clip when door opens and two images when the garage door closes. The two images upload per activity will allow you to see the event without filling up your Dropbox folder. It can also be configured to upload motion detected events and as soon as motion is detected, two images will be directly uploaded to your Dropbox a few seconds apart.

1. Go to Device Settings and tap Dropbox Sync

2. Tap Enable Dropbox Sync.

3. A Dropbox Setup dialog box will appear. Tap OK ⒜ to continue. Neposmart will retrieve the Dropbox token and another dialog box will pop out to enable you to login to your local Dropbox and authorize the upload of files to your account. You will be given up to five minutes to complete the Dropbox Authorization process before timing out. If you exceeded the five minutes period, you can start again.

4. You will now be prompted to sign in to Dropbox. Please enter a valid email and password and tap Sign in. ⒝

5. Press "Allow" ⒞ to authorize your Neposmart camera to upload files to your Dropbox folder.

6. Once successful, your Neposmart camera is now linked to your Dropbox Account.

7. To save door open/close images, you need to enable Save Open Door Images in the Dropbox Sync Setting. **(D)** You also need to make sure Door Detection is enabled under Door/Garage Settings.

8. To save a shot video clip when the door opens, you need to enable Save Open Door Video Clip **(E)** in the Dropbox Sync Setting and make sure Door Detection is enabled under Door/Garage Settings.

9. To save motion images, you need to enable Save Motion Images in the Dropbox Sync Setting. You also need to make sure Motion Alarm is enabled under Motion Settings. **(F)**

10. Uploaded files to Dropbox will be stored in the Apps/Neposmart folder. Please do not remove or rename the Apps/Neposmart folder.

11. Under the Apps/Neposmart folder, each Neposmart camera that has Dropbox sync enabled will have its own folder. If you run out of space in your Dropbox, you can manually delete files under the Neposmart camera or delete the Neposmart camera folder.

12. For every door open or close event, the following sample image files will be stored.
    a) dooropen0214-073045-1.jpg (this is the first door image dated Feb 14 7:30AM door open image #1)
    b) dooropen0214-073045-2.jpg (this is the second door image few seconds apart dated Feb 14 7:30AM door open image #2)
    c) doorclose0214-074020-1.jpg (this is the first door image dated Feb 14 7:40am door close image #1)
    d) doorclose0214-074020-2.jpg (this is the second door image dated Feb 14 7:40am door close image #2)

For every door open event, a short video clip with the sample name videodooropen0214-073045.avi will be stored if enabled.

13. For motion detected event, the following sample image files will be stored.
    a) motion0215-094520-1.jpg (this is the first motion image dated Feb 15 9:45AM motion image #1)
    b) motion0215-094520-2.jpg (this is the second door image few seconds apart dated Feb 15 9:45AM motion image #2)
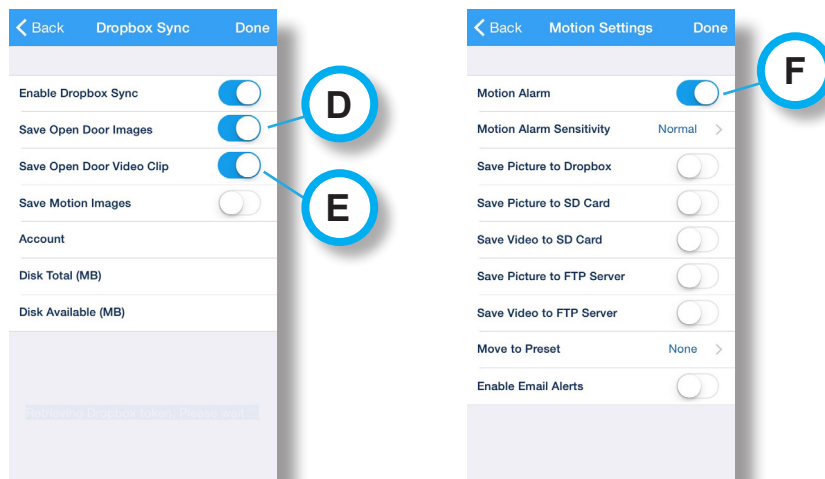
Neposmart authorization to store images and video clips to your Dropbox is limited to sending images and video to the apps/Neposmart/<camera name> folder. It is not configured to access any other files or delete files from your Dropbox. With this, you need to monitor your Dropbox to make sure there is enough space to upload files. Once the files are in your Dropbox account, you can copy, delete or share your images using the standard Dropbox interface.

Neposmart Setup using an Android Device

If you use an Android phone, tablet, TV box, or other Android device, these instructions will show you how to use Neposmart with your device. Certain things including button placements may appear slightly differently depending on the manufacturer of your device, the version of Android you have on your device, and the size of your screen.

Step 1 – Downloading and Using the Neposmart App

1. You may download the Neposmart app by going to the Google Play Store on your device and searching "Neposmart." You may also scan the QRCode on your right using an application such as RedLaser

2. Open the Neposmart app on your device.

3. You will receive a prompt asking whether you would like a quick in-app tour (A) It is highly recommended to take this voice guided tour.

4.Tap "Add Device" (B) and you should see a list of Neposmart devices. Choose your Neposmart from the list, and type the default 1234565 into the password field (C) and tap the checkmark on the upper right corner (D)
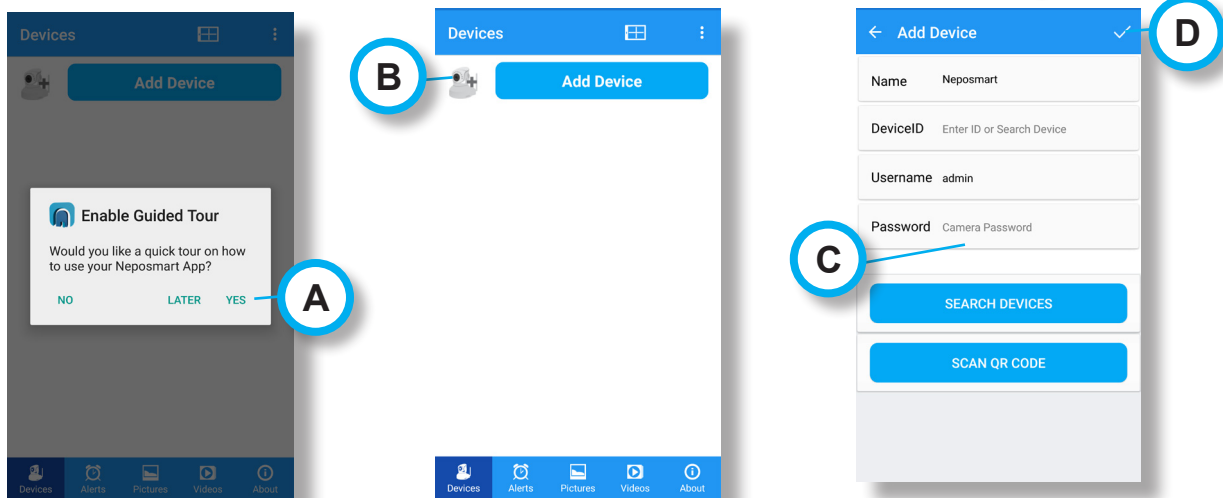
5. To familiarize yourself with how the app works, try viewing your actual video feed. Choose your device in the list by tapping (E) If everything is working properly, you should be able to see some video. You can swipe on the video to move the camera up, down and side to side (F)
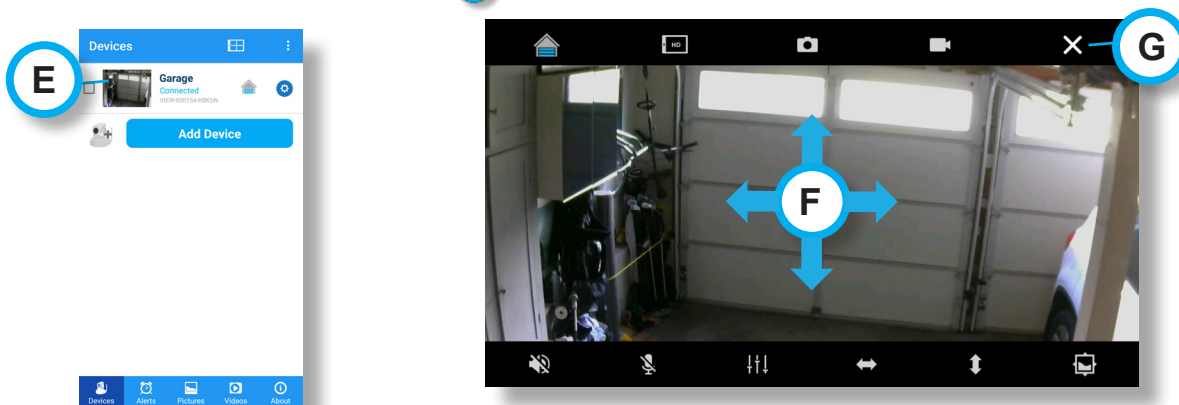
6. The 🏠 Icon allows you to open/close your garage door if you have connected one. You will need to complete the Intelligent Garage Setup with your garage door before you can control it via the Neposmart app.

7. More information on using the app can be found in the section on Using the Android Neposmart app.

8. To return to the list of devices, tap the exit button on the top right (G)

Step 2 – Connecting Wirelessly & Changing Username/Passwords

1. In the list of Neposmart devices, tap the ⚙ icon **(A)**

2. Tap "Device Settings." **(B)**

3. A few usernames/passwords need to be changed to make Neposmart more secure. There are a few usernames and passwords that Neposmart uses:

> a. The Camera Administrator is used to view the video, control and change Neposmart Device Settings
> Default Username = admin
> Default Password = 123456

> b. The Door/Garage is used to open/close the garage door
> Default Username = garage
> Default Password = 2015

> c. The Guest is used to view the camera but cannot control and change any Neposmart Device Settings
> Default Username = visitor
> Password = 123456

Devices

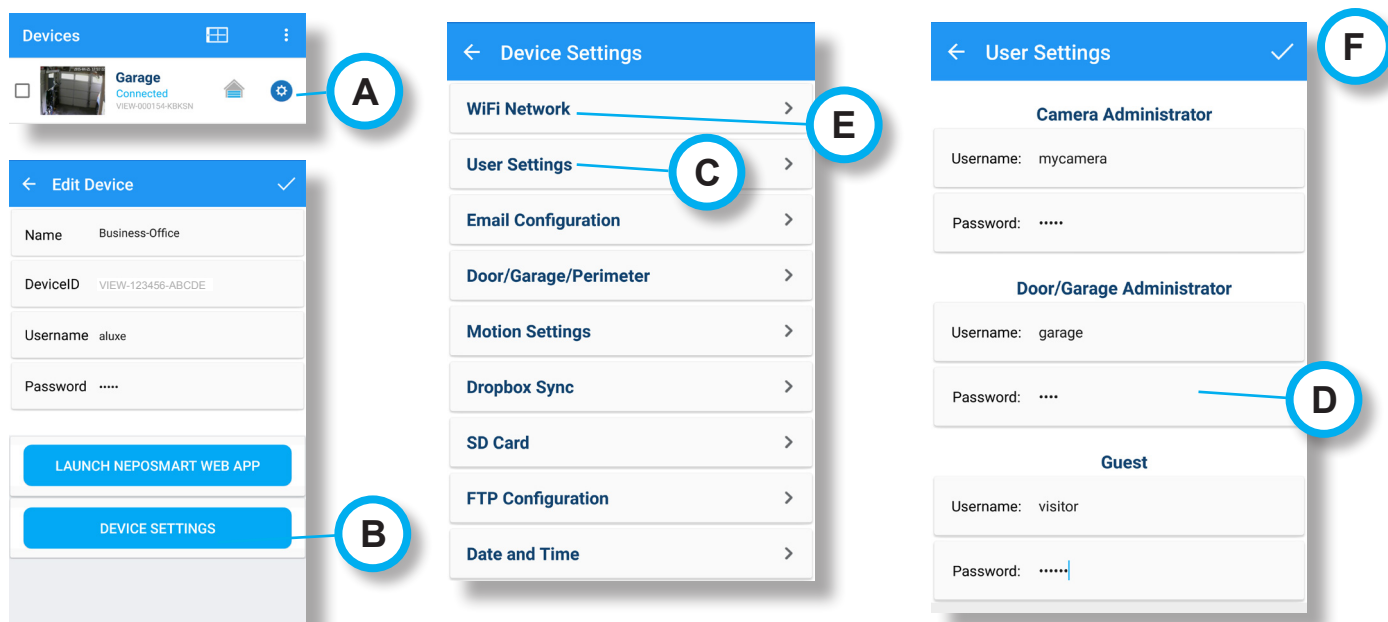| Garage |
| Connected |
| VIEW-000154-KBKSN | **(A)** |

Edit Device

Name	Business-Office
DeviceID	VIEW-123456-ABCDE
Username	aluxe
Password	•••••

LAUNCH NEPOSMART WEB APP

DEVICE SETTINGS **(B)**

Device Settings

WiFi Network	>	**(E)**
User Settings	>	**(C)**
Email Configuration	>
Door/Garage/Perimeter	>
Motion Settings	>
Dropbox Sync	>
SD Card	>
FTP Configuration	>
Date and Time	>

User Settings **(F)**

Camera Administrator

| Username: | mycamera |
| Password: | ••••• |

Door/Garage Administrator

| Username: | garage |
| Password: | •••• | **(D)** |

Guest

| Username: | visitor |
| Password: | •••••• |

4. Tap "User Settings" **(C)**

5. a. Change the default Camera administrator username/password. You can use selected special characters to strengthen your password. **(D)**
   b. Change the default Door/Garage administrator username/password if you are going to use the Neposmart Intelligent Garage Controller. You can use selected special characters to strengthen your password.
   c. Change the default Guest username/password.

6. If you intend to use Neposmart wirelessly, you can connect it to your wireless network by tapping "WiFi Network" **(E)** You may have to wait a minute to allow the app to scan for networks. Select a wireless network for Neposmart to connect to from the list, and enter the WiFi password. Tap the check **(F)** when you are finished. If your wireless network SSID is hidden, you must connect to it using Neposmart web browser settings instead. Please refer to "Network Settings", page 58, on how to change network settings using the web browser.

7. Your Neposmart is now ready for installation in your garage. You may now unplug it and take it and the rest of the items that it came with to your garage.

Step 3 – Installing Neposmart in Your Garage

Refer to page 9, "Step 3 - Installing Neposmart in Your Garage" in the iOS section of this User Manual above for instructions on setting up your Intelligent Garage Controller.

After you complete the Garage setup, then you may proceed to "Finalizing Setup - Opening/Closing your Garage Door" below.

# Finalizing Setup - Opening/Closing your Garage Door

1. Now that Neposmart is connected to your garage door opener, you can now use Neposmart to open and close your garage.

2. On your Android device, bring up the Neposmart app.

3. You can open/close your garage by going to the video view and tap the garage icon (A) You can also use your voice to open and close the garage door. Gently shake your phone and you will hear Voice Command. Say "please open garage door" or "please close garage door" to activate.

You can also tap the garage icon (B) on the Devices screen but only use this option if you have a view of your garage door. The garage icon on the Devices screen will only be visible if the garage/door password is changed from the default value and the Neposmart Camera is connected.

4. With the garage magnetic door sensor installed, enable the door sensor by going to Device Settings and select Door/Garage Settings. Tap and enable Door Detection. (C) The heavy duty magnetic switch delivered with your Neposmart is an N.C. (Normally Closed) sensor. Leave the Door Sensor Type as N.C. (D)
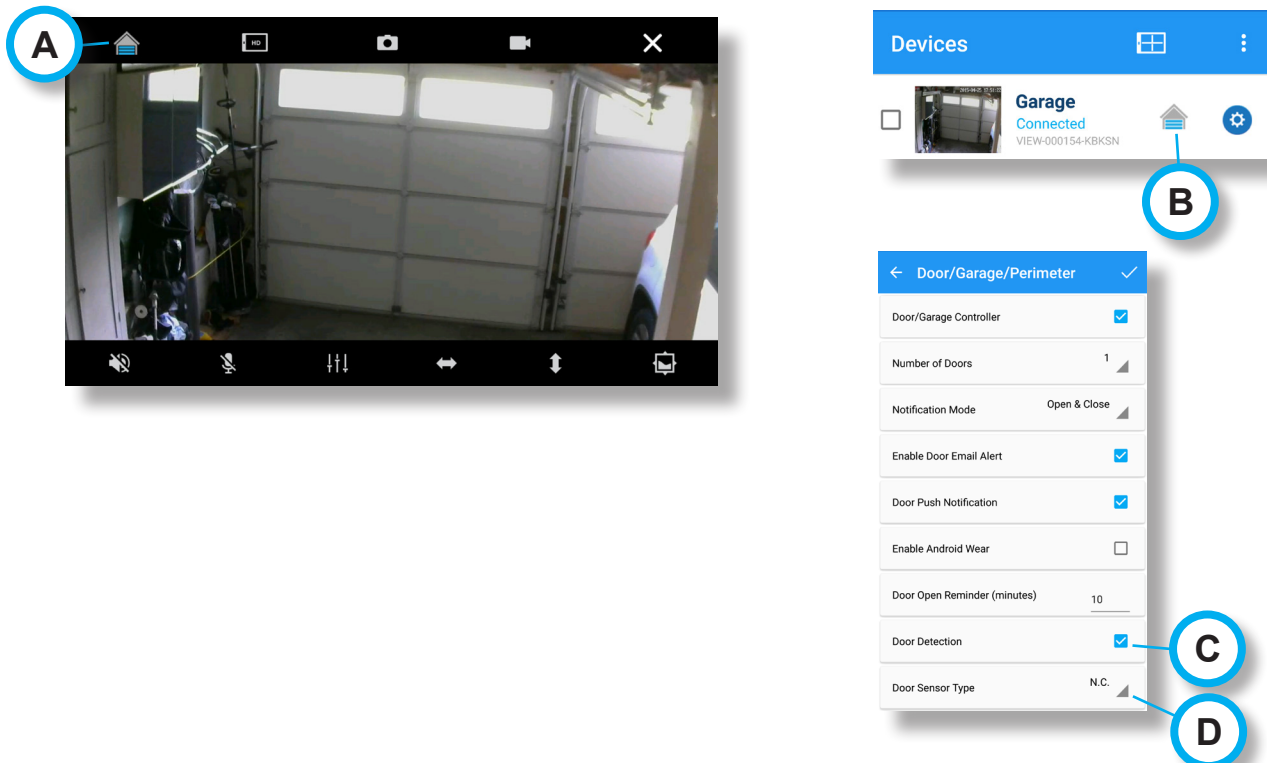
Step 4 – Setting Up Garage Door Alerts

There are several options available to receive real-time door alerts and images. These include:

  a. Email messages with image attachments when the garage/door opens or closes
  b. Email text alerts using the email to SMS function through your cellular carrier.
  c. Push Notifications on your Android Device
  d. Door open/close images directly uploaded from your Neposmart to your Dropbox Account.


1. Go to Device Settings and tap "Email Configuration" **(A)**

2. In the Email Alert Settings screen, you can have Neposmart send an email when your garage is opened, closed or when motion is detected. First, you must pick a sender email address from which to send the alerts. When Neposmart sends the alerts, it will be sent from that email address. In this example, the sender email address is myneposmart@gmail.com. Since it is using a gmail account, use smtp.gmail.com as the "Server". The app will automatically prefill the SMTP Port and SSL type. **(B)** Enter the sender email account in "Mail User" and a valid password for this sender email account in "Password" **(C)** For the rest of the required information such as port numbers, valid server names, and SSL refer to your email provider's (e.g. Yahoo or Comcast) documentation on setting up and using SMTP.

3. You can add recipient email addresses to notify when the garage door is opened or closed. Enter valid email accounts to the "Recipient" fields. If you would like Neposmart to send a text message to an AT&T user with the mobile number 425-888-8888, enter the recipient address 4258888888@txt.att.net **(D)** Refer to the documentation on your cellular carrier's email to SMS function. A list of email to SMS email addresses can be found at http://www.emailtextmessages.com. If you are using Verizon for instance, and your number is 2031234567, then you would enter 2031234567@vtext.com in the list of email addresses to send alerts to.

4. When you are finished, tap the checkmark **(E)**

Note: There can be a total of 6 email recipients. To add more than 3 recipients, you can use the web browser app and go to Settings > Advanced > Email Configuration.
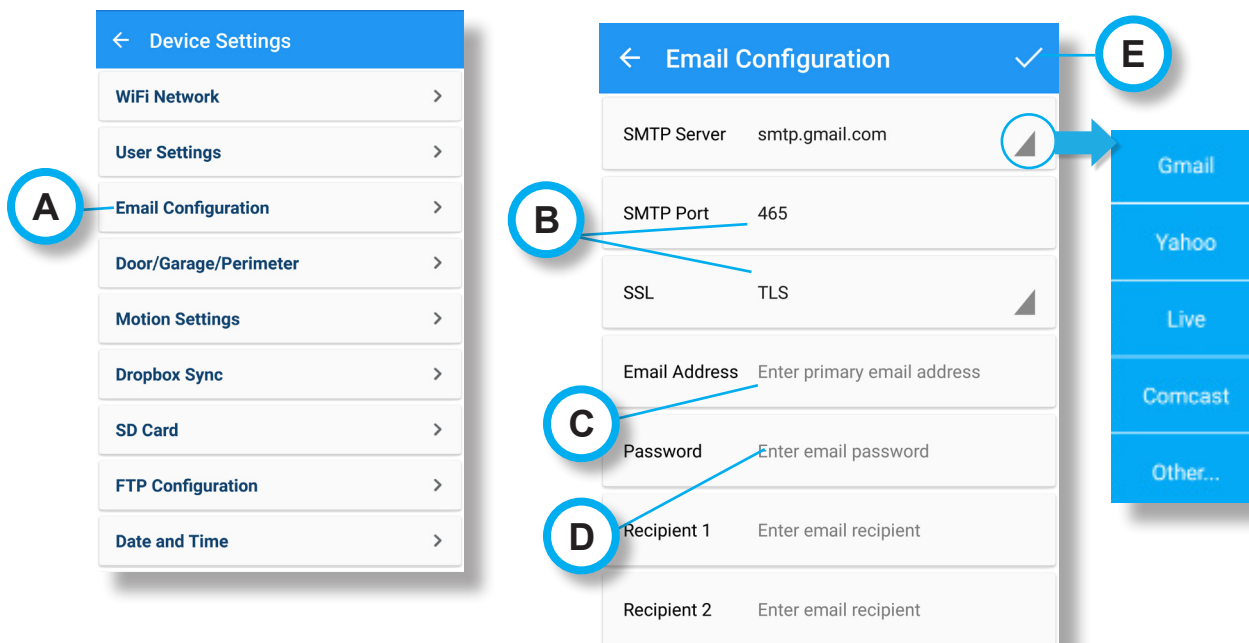
Configuring Dropbox Sync Using Android

Neposmart can be configured to automatically upload open/close door, open door short video clip, and motion detected files to your local Dropbox account. Once configured, Neposmart will upload two images a few seconds apart when the garage door opens, a 15 second clip when door opens and two images when the garage door closes. The two images upload per activity will allow you to see the event without filling up your dropbox folder. It can also be configured to upload motion detected events and as soon as motion is detected, two images will be directly uploaded to your Dropbox a few seconds apart.

1. Go to Device Settings and tap Dropbox Sync

2. Tap Enable Dropbox Sync.

3. A Dropbox Setup dialog box will appear. Tap OK (A) to continue. Neposmart will retrieve the Dropbox token and another dialog box will pop out to enable you to login to your local Dropbox and authorize the upload of files to your account. You will be given up to five minutes to complete the Dropbox Authorization process before timing out. If you exceeded the five minutes period, you can start again.

4. You will now be prompted to sign in to Dropbox. Please enter a valid email and password and tap Sign in. (B)

5. Press Allow to authorize your Neposmart camera to upload files to your Dropbox folder. (C)

6. Once successful, your Neposmart camera is now linked to Dropbox.
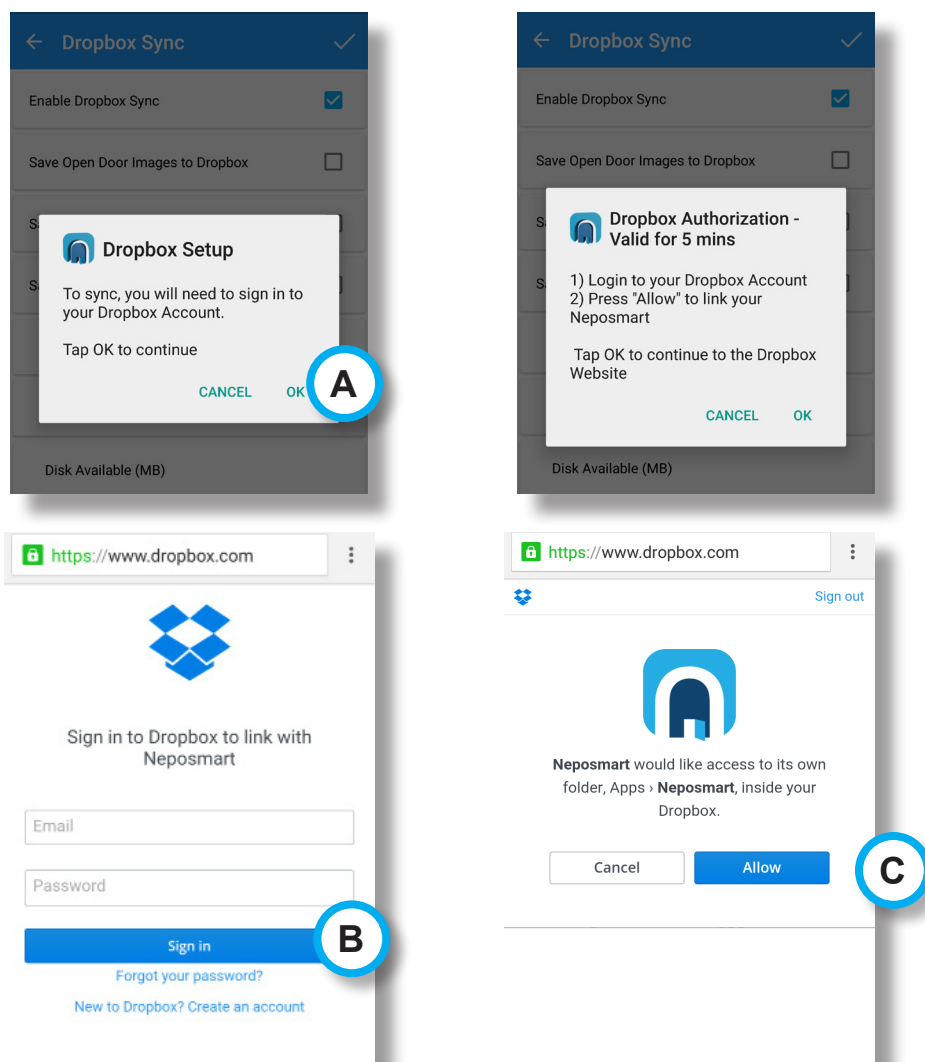
7. To save door open/close images, you need to enable Save Open Door Images in the Dropbox Sync Settings. **D** You also need to make sure Door Detection is enabled under Door/Garage Settings.

8. To save a shot video clip when the door opens, you need to enable Save Open Door Video Clip **E** in the Dropbox Sync Setting and make sure Door Detection is enabled under Door/Garage Settings.

9. To save motion images, you need to enable Save Motion Images in the Dropbox Sync Setting. You also need to make sure Motion Alarm is enabled under Motion Settings. **F**

10. Uploaded files to Dropbox will be stored in the Apps/Neposmart folder. Please do not remove or rename the Apps/Neposmart folder.

11. Under the Apps/Neposmart folder, each Neposmart camera that has Dropbox sync enabled will have its own folder. If you run out of space in your Dropbox, you can manually delete files under the Neposmart camera or delete the Neposmart camera folder.

12. For every door open or close event, the following sample image files will be stored.
    a) dooropen0214-073045-1.jpg (this is the first door image dated Feb 14 7:30AM door open image #1)
    b) dooropen0214-073045-2.jpg (this is the second door image few seconds apart dated Feb 14 7:30AM door open image #2)
    c) doorclose0214-074020-1.jpg (this is the first door image dated Feb 14 7:40am door close image #1)
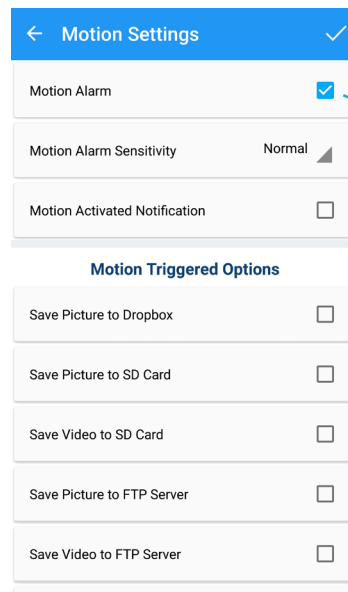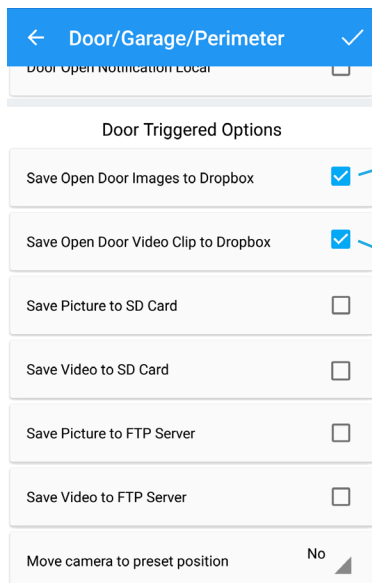   doorclose0214-074020-2.jpg (this is the second door image dated Feb 14 7:40am door close image #2)

For every door open event, a short video clip with the sample name videodooropen0214-073045.avi will be stored.

13. For motion detected event, the following sample image files will be stored if enabled.

    a) motion0215-094520-1.jpg (this is the first motion image dated Feb 15 9:45AM motion image #1)
    b) motion0215-094520-2.jpg (this is the second door image few seconds apart dated Feb 15 9:45AM motion image #2)

← Door/Garage/Perimeter ✓	
Door Open Notification Local	☐
Door Triggered Options	
Save Open Door Images to Dropbox	☑ **D**
Save Open Door Video Clip to Dropbox	☑ **E**
Save Picture to SD Card	☐
Save Video to SD Card	☐
Save Picture to FTP Server	☐
Save Video to FTP Server	☐
Move camera to preset position	No

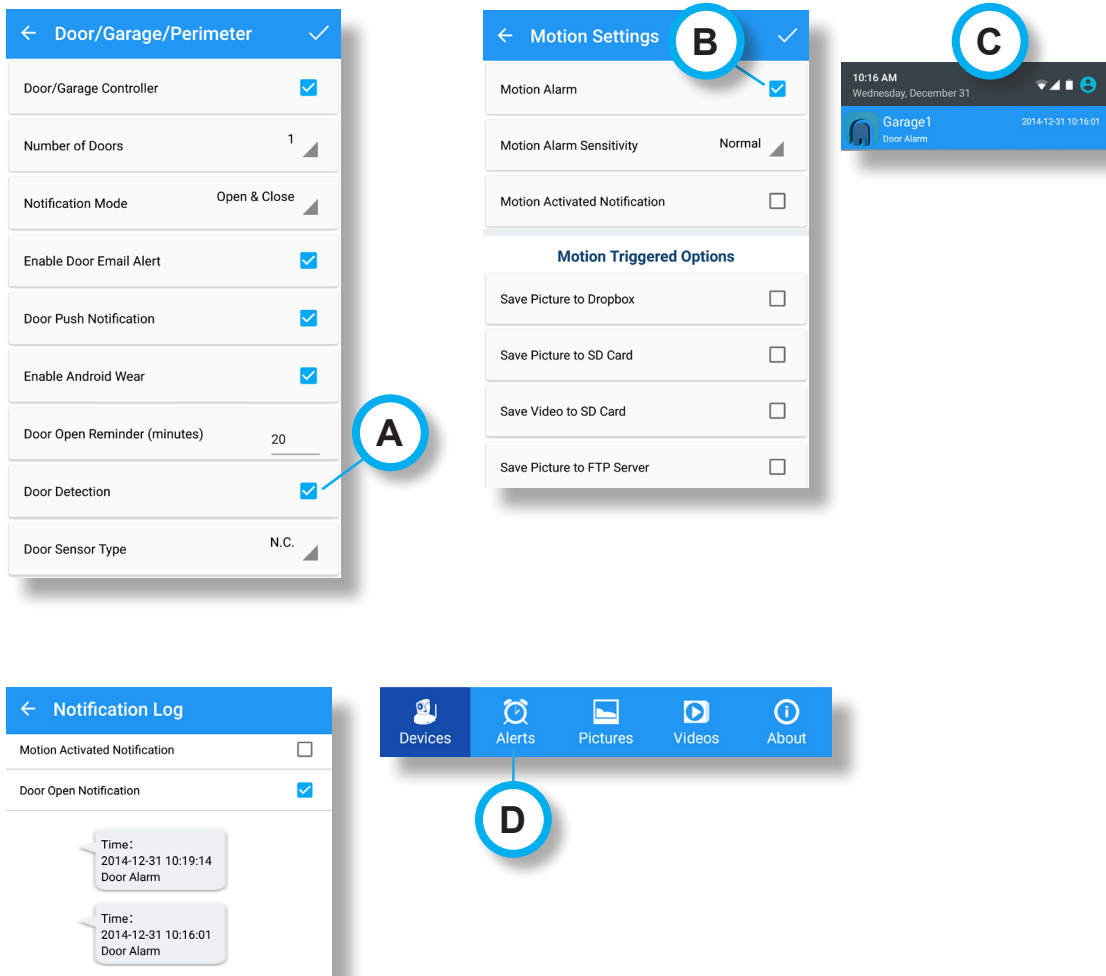| ← Motion Settings ✓	
Motion Alarm	☑ **F**
Motion Alarm Sensitivity	Normal
Motion Activated Notification	☐
Motion Triggered Options	
Save Picture to Dropbox	☐
Save Picture to SD Card	☐
Save Video to SD Card	☐
Save Picture to FTP Server	☐
Save Video to FTP Server	☐

Configuring Android Local Notification

Neposmart can send open garage door notifications and motion activated notification using Android Local Notification. To enable for open garage door notification, go to Door/Garage Settings and enable Door Open Notification **A**
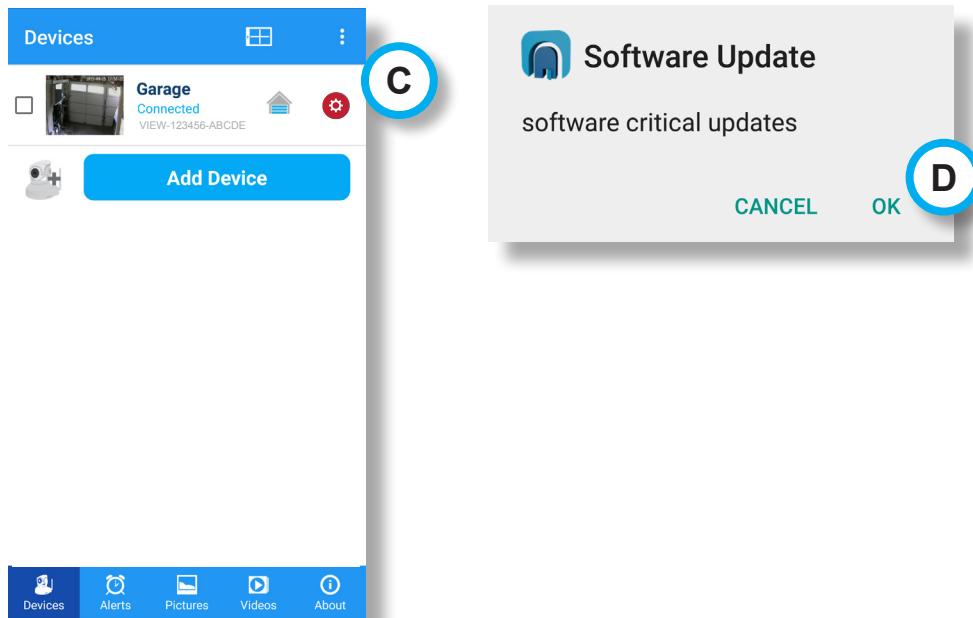
To enable Motion activated notification, go to Motion Settings and enable "Motion Activated Notification" **B**

Once enabled, a notification alert will be shown in your Android device every time the Door/garage opens or when motion is detected. This notification will only be shown if the app is running in the background. **C**

Notification Log showing open door and motion alarm can be accessed from the Neposmart Android app by tapping the Alerts icon on the bottom of the device list screen **D**

← Door/Garage/Perimeter	✓
Door/Garage Controller	☑
Number of Doors	1 ◢
Notification Mode	Open & Close ◢
Enable Door Email Alert	☑
Door Push Notification	☑
Enable Android Wear	☑
Door Open Reminder (minutes)	20
Door Detection	☑
Door Sensor Type	N.C. ◢

A

← Motion Settings	**B** ✓
Motion Alarm	☑
Motion Alarm Sensitivity	Normal ◢
Motion Activated Notification	☐
Motion Triggered Options	
Save Picture to Dropbox	☐
Save Picture to SD Card	☐
Save Video to SD Card	☐
Save Picture to FTP Server	☐

C

10:16 AM
Wednesday, December 31

Garage1   2014-12-31 10:16:01
Door Alarm

← Notification Log	
Motion Activated Notification	☐
Door Open Notification	☑
Time: 2014-12-31 10:19:14 Door Alarm	
Time: 2014-12-31 10:16:01 Door Alarm	

Devices	Alerts	Pictures	Videos	About

D

At times, you may be prompted for software updates. One visible indication if there is an update needed is the ⚙ icon on the right of your camera will turn red. (C) When you press the red ⚙ icon, a dialog box will appear. Tap OK to apply the updates. (D)

Devices

☐ **Garage**
Connected
VIEW-123456-ABCDE 🏠 ⚙ (C)

🐾+ **Add Device**

Devices | Alerts | Pictures | Videos | About

🔲 **Software Update**
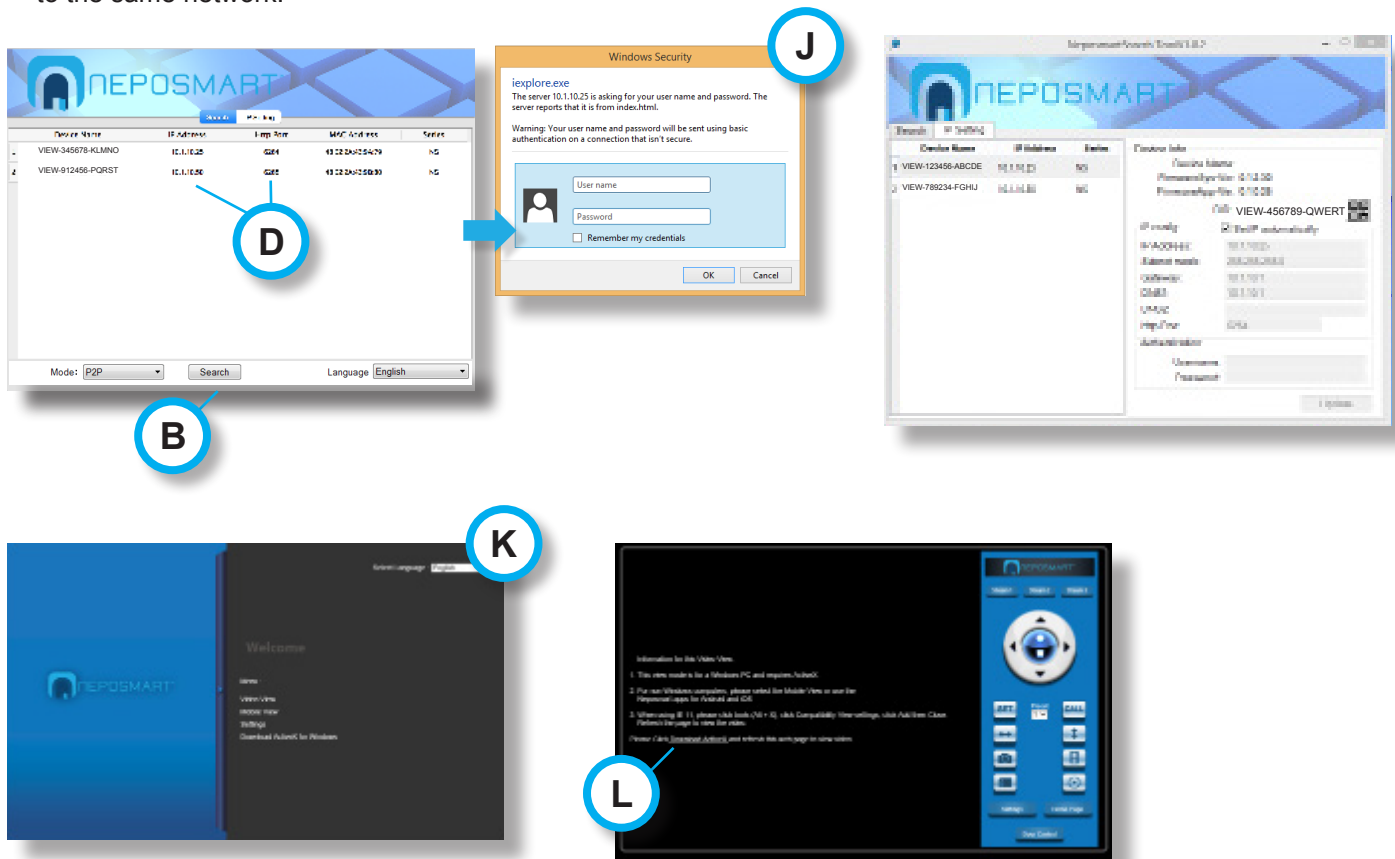
software critical updates

CANCEL   OK (D)

Congratulations! You have finished setting up Neposmart and ready for use. You can use your Android device to control and monitor your garage anywhere, anytime. With the advanced networking technology used by Neposmart, you do not have to fiddle with your router and do any port forwarding to access your Neposmart externally from your Android device. Enjoy!

Neposmart Setup using a Windows PC

If you use a Windows PC, these instructions will show you how to setup Neposmart with your computer. For the purpose of illustration, Internet Explorer is used. Certain things may appear slightly different depending on the web browser you are using.

Step 1 – Installing and Using the Neposmart Applications

1. Download the NeposmartSearch program from http://neposmart.com/support. Open the application "NeposmartSearch.exe." This application allows you to quickly auto discover your Neposmart devices connected to the same network.

2. Click "Search" **B** and you will see all the connected Neposmart devices you have in your network. You can identify individual Neposmart devices by matching the device ID stickers on the bottom of the device. There are two modes available for searching the cameras. The default search mode is P2P which uses peer-to-peer networking technology. Another mode for searching is non P2P which uses TCP networking technology for searching. Both search modes will return the same IP address and port number to allow access to the camera via the web. In essence, these two search modes use different networking paths to auto discover the cameras. To change the IP settings such as IP address and http port number directly from the NeposmartSearch program, use the non P2P search mode and click the IP Setting tab.

3. To start setting up your Neposmart, double click your Neposmart Device and your web browser will be launched. You can also directly access your device from a web browser running on a PC, Mac, Linux or smartphone browsers by entering the IP address of your Neposmart device and port number shown in **D** into the address bar of your web browser. If your Neposmart Device IP number is **192.168.1.15** and port number is **6264** for example, then you would enter **http://192.168.1.15:6264** in the address bar of your web browser.

4. A pop up window (J) (on previous page) will ask you for your username and password. If this is first time setup, then enter the default Username **admin** and password **123456**. Click "OK" when you are done.

5. You will see a menu (K) "Video View" where you can view the video feed of your camera as well as open/close your garage if you have that installed. "Mobile View" is designed for Mobile web browsers. "Settings" allows you to configure your Neposmart and access advanced setting configurations.

6. If you are using Internet Explorer, click "Download ActiveX for Windows". (L)

7. A bar will appear (M) Click Run to install.

8. A dialog box (N) will appear to ask for permission to make changes. Click "Install" to accept
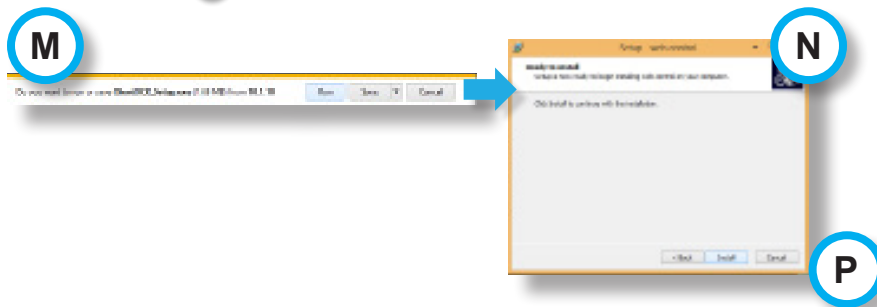
9. A setup wizard will open. Click "Next (P) and click "Install" then click "Finish" to finish installation.

10 Note: If you are using Internet Explorer 11 and above, complete the following additional steps to view the video:
　　　　a. On the upper right hand corner of your web browser, click "Tools" (Alt+x) ⚙
　　　　b. Click "Compatibility View Settings" (R)
　　　　c. In the Compatibility View Settings Dialog box, click "Add" (S)
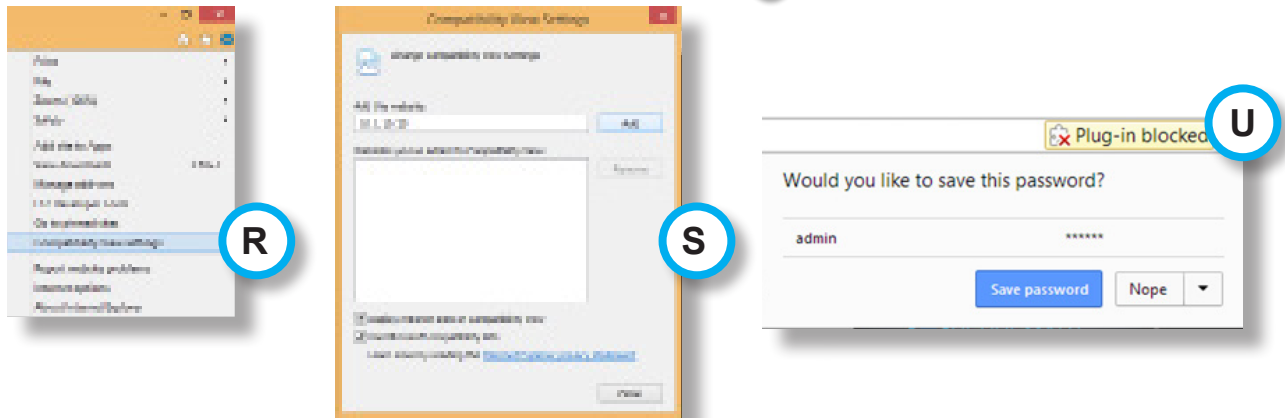
Note: If you are using Chrome browser, complete the following steps to view the video:
a. Chrome will initially block the plug-in as shown in (U)
b. Click the plugin blocked warning and select Always allow plug-ins on <ip address> to view the video. (T)
c. Click browser refresh and you should be able to view the video using the Chrome browser.
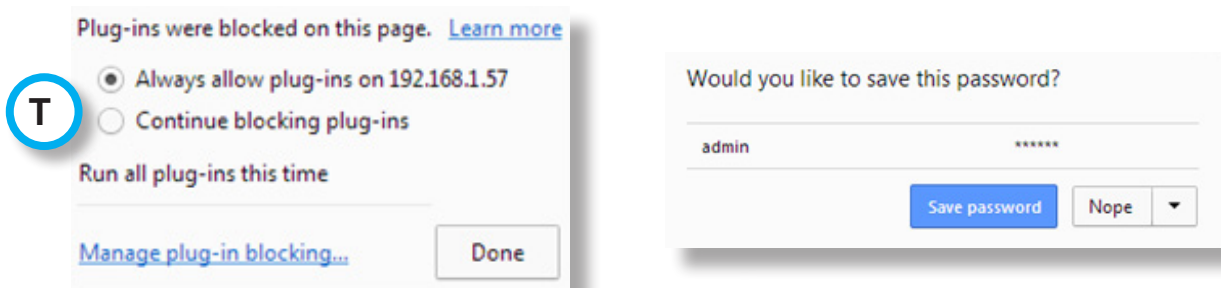
11. You can now click "View Video" to view your camera feed. Click Refresh on your browser (F5) if your video is not showing. The functions of the other buttons and controls are covered in the "Using the Desktop Video View" section of this manual.

Step 2 - Connecting Neposmart Wirelessly

1. From the menu of the web interface, click "Settings." **(A)** You can also click "Settings" on the right pane of the Video View. You will now see the web settings interface **(B)**

2. The Neposmart web setting has two panes. The left pane of the screen shows a list of settings you can change on Neposmart listed by category. Clicking a category on the left pane opens a drawer showing what settings are available in that category. You may also click "Video View" **(C)** to return you to video view. You can change the settings of Neposmart in the right pane.
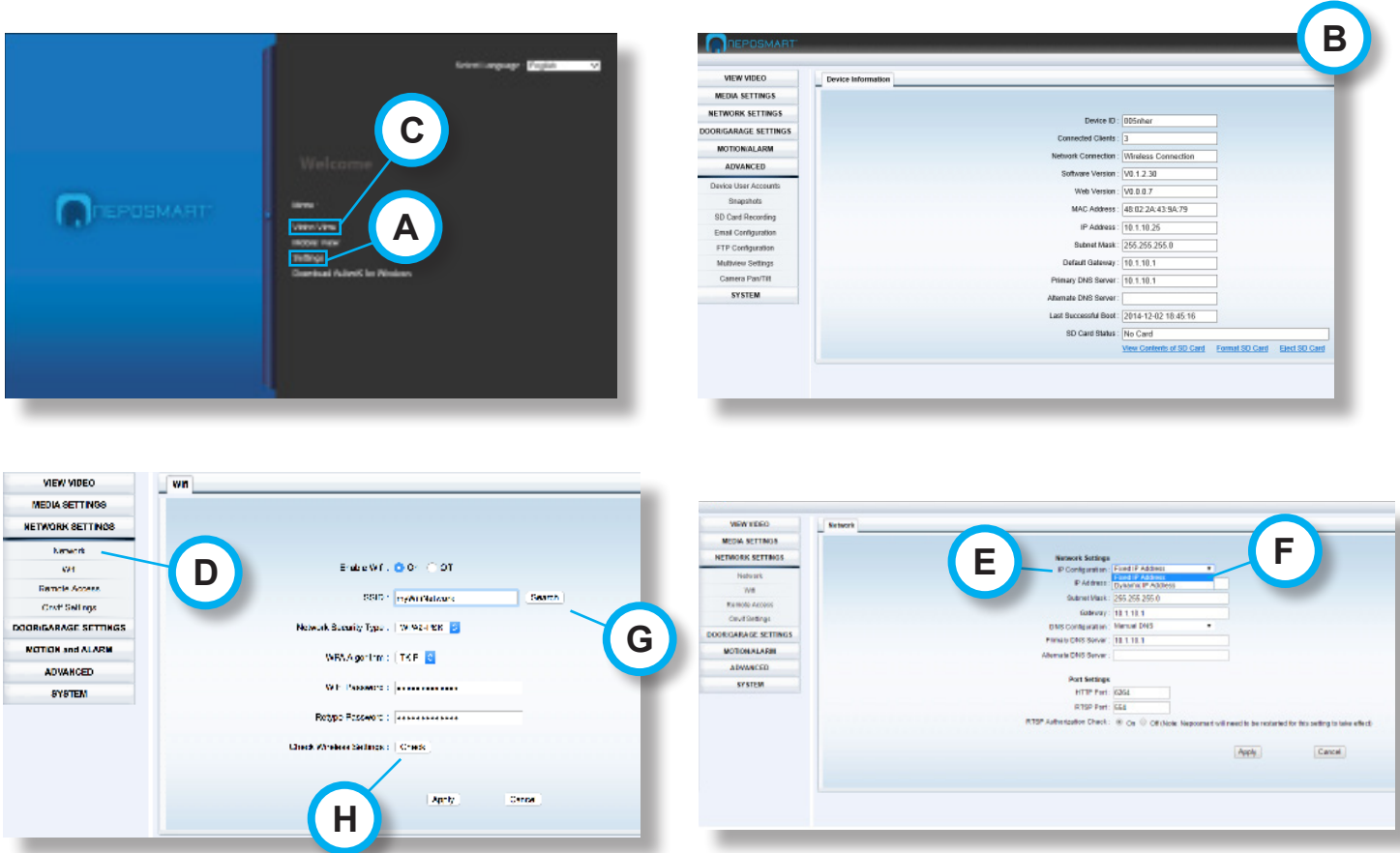
3. You will now see a summary of the settings on your Neposmart displaying the assigned IP Address, Subnet Mask, Default Gateway, and Primary DNS Server. You will need this information in the next step.

4. Click "Network Settings" then click "Network" on the left side of the screen. **(D)**

5. Click "IP Configuration". **(E)** A drop down menu will prompt you to select either Fixed IP Address or Dynamic IP Address. If you want your IP address to remain the same. Select "Fixed IP Address." **(F)** Default values will be shown. You can also change your HTTP port and RTSP port number. For now, use the default and click "Apply".

6. If you are using WiFi, click "WiFi" on the left side of the screen. Select "On" next to "Enable WiFi". Click "Search" **(G)** to see a list of available wireless networks. Click "OK" to select your wireless network. Alternatively, if you don't see your wireless network (If your network is "hidden" for instance), go back to the preceding screen and enter the name of your Wifi network into the field marked "SSID." Select the type of security your network uses under "Network Security Type." Most home networks use WPA2. In the "WPA Algorithm" select AES or TKIP. Next, type the password to your home Wifi network in the "WiFi Password" fields and click "Apply". Click "Check" **(H)** to test your connection.

7. A few usernames/passwords need to be changed to make Neposmart more secure. Click "Garage Settings" then click "Garage Users." ⓘ You need to use the correct Door/Garage username and password to open/close your garage door. You should also be logged in as the Camera Administrator to control your garage door. The default Door/Garage Administrator username is garage and password is 2015. Change the username and password to your liking and tap "Apply." You can add up to 3 Door/Garage Administrators. You may wish to write down and store these passwords in a secure place.

9. Next, we are going to change the Camera Administrator and Guest account username and password. Click "Advanced" then click "Device User Accounts". The camera administrator will enable you to view your video and change all the available camera settings. The default Camera administrator username is admin and password is 123456. The Guest account on the other hand can view the video but cannot control and change any settings.

10. Change the username and password to your liking and tap "Apply". You may wish to write down and store these passwords in a secure place and memorize them thoroughly. Keeping these passwords different from the ones that open and close the garage door is highly recommended.
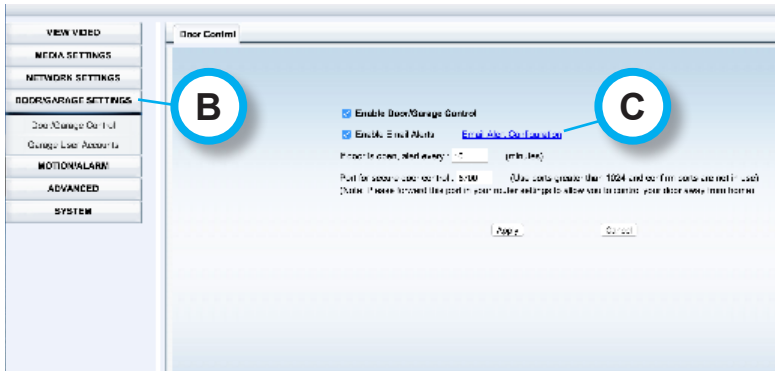

11. Your Neposmart is now ready for installation in your garage. You may now unplug it and take all the items that came with your Neposmart to your garage.

Step 3 - Installing Neposmart in your Garage

You may refer to Step 3 in the section on Neposmart setup using an iOS device to install Neposmart in your garage. You may proceed to step 4 once you are finished installing Neposmart in your garage.

Step 4 - Finalizing Setup

Neposmart can send email and text alerts using the email to SMS function offered by your cellular carrier.

1. Go to Settings in your web browser. Click "Door/Garage Settings" then click "Door/Garage Control" **B**

2. Click "Email/Alert Configuration." **C**

3. In the garage email and alert settings, you can have Neposmart send an email when your garage is opened or closed or motion is detected. First, you must pick an email address from which to send the alerts. When Neposmart sends the alerts, it will be sent from that email address. Enter this into "Sender Email Address" then enter the password for this email account in "Email Password." **I** The commonly used SMTP mail server settings **M** are listed in the table below:

Commonly used SMTP email server:

SMTP Server	Port	Encryption
smtp.gmail.com	465	TLS
smtp.mail.yahoo.com	465	TLS
smtp.live.com	587	STARTTLS
smtp.comcast.com	465	TLS

4. When you have entered all this information, you can choose the email recipient to notify when the garage door is opened or closed. **N** Enter in "Send Alerts To." If you would like Neposmart to send a text message instead, refer to the documentation on your cellular carrier's email to SMS function. A list of email to SMS email addresses can be found at **http://www.emailtextmessages. com**. If you are using Verizon for instance, and your number is **2031234567**, then you would enter **2031234567@vtext.com** in the list of email addresses to send alerts to. For AT&T, you would enter 2031234567@txt.att.net

5. You can customize the messages you receive when an alert is sent as well. When you are finished, tap "Apply" **O** then click "Test" to test your settings. If the settings entered are correct, this will send a test message to all of the email addresses and phone numbers you set to receive alerts from Neposmart.

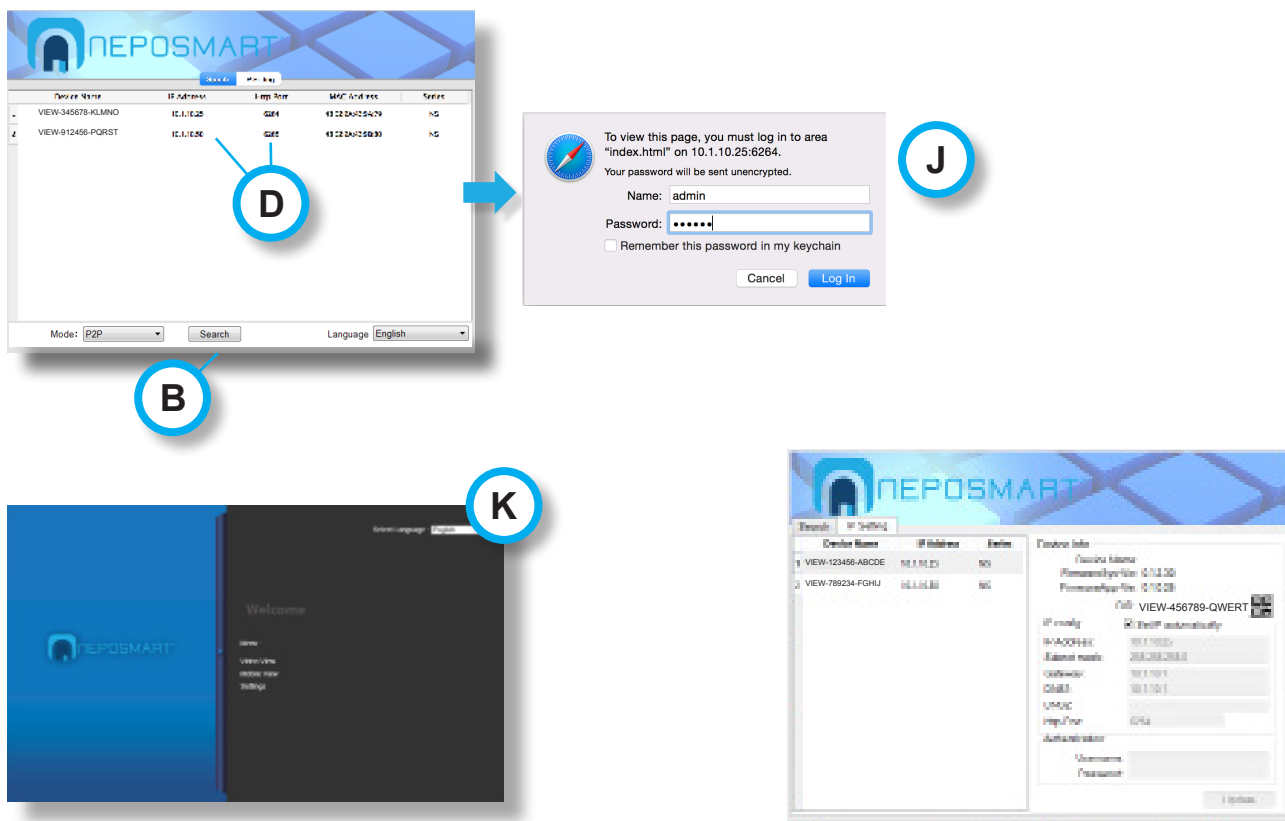Congratulations! You have finished setting up Neposmart for PC!
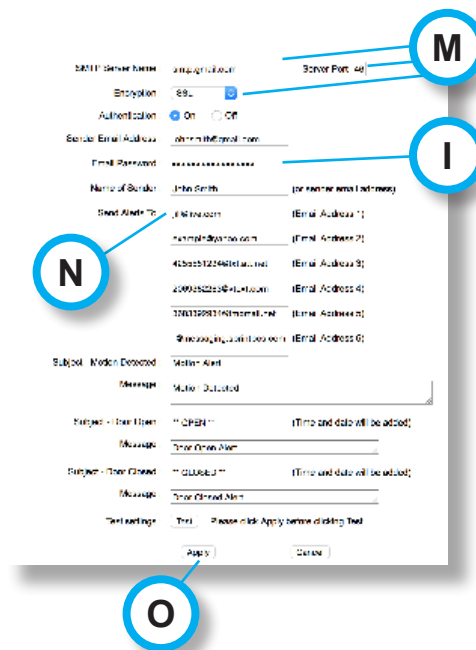
Neposmart Setup using a MAC

If you use a MAC OSX, these instructions will show you how to setup Neposmart. Certain things may appear slightly different depending on the web browser you are using.

Step 1 – Installing and Using the Neposmart Applications

1. Download the NeposmartSearch program from http://neposmart.com/support. Open the application "NeposmartSearch.dmg." This application allows you to quickly auto discover your Neposmart devices connected to the same network.

2. Click "Search" (B) and you will see all the connected Neposmart devices you have in your network. You can identify individual Neposmart devices by matching the device ID stickers on the bottom of the device. There are two modes available for searching the cameras. The default search mode is P2P which uses peer-to-peer networking technology. Another mode for searching is non P2P which uses web networking technology for searching. Both search modes will return the same IP address and port number to allow access to the camera via the web. In essence, these two search modes use different networking paths to auto discover the cameras. To change the IP settings such as IP address and http port number directly from the NeposmartSearch program, use the non P2P search mode and click the IP Setting tab.

3. To start setting up your Neposmart, double click your Neposmart Device and your web browser will be launched. You can also directly access your device from a web browser running on a PC, Mac, Linux or smartphone browsers by entering the IP address of your Neposmart device and port number shown in (D) and into the address bar of your web browser. If your Neposmart Device IP number is **192.168.1.15** and port number is **6264** for example, then you would enter **http://192.168.1.15:6264** in the address bar of your web browser.
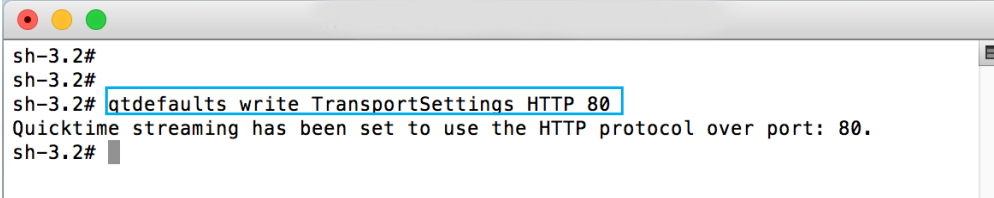
4. A pop up window **J** will ask you for your username and password. If this is first time setup, then enter the default Username **admin** and password **123456**. Click "OK" when you are done.

5. You will see a menu **K** "Video View" where you can view the video feed of your camera as well as open/close your garage if you have that installed. "Mobile View" is designed for Mobile web browsers. "Settings" allows you to configure your Neposmart and access advanced setting configurations.

6. Before you can view the video from the Browser on your Mac:

      a. Open up your Terminal:

              Finder > Applications > Utilities > Terminal

```
sh-3.2#
sh-3.2#
sh-3.2# qtdefaults write TransportSettings HTTP 80
Quicktime streaming has been set to use the HTTP protocol over port: 80.
sh-3.2#
```

      b. Type: `qtdefaults write TransportSettings HTTP 80`

      c. When successful you will see "Quicktime streaming has been set to use the HTTP protocol over port: 80.

      d. Close and reopen your browser to refresh the settings.

7. You can now click "View Video" to view your camera feed. Click Refresh on your browser (F5) if your video is not showing.

Step 2 - Connecting Neposmart Wirelessly

1. From the menu of the web interface, click "Settings. You can also click "Settings" on the right pane of the Video View. You will now see the web settings interface (A)

2. The Neposmart web setting has two panes. The left pane of the screen shows a list of settings you can change on Neposmart listed by category. Clicking a category on the left pane opens a drawer showing what settings are available in that category. You may also click "Video View" to return you to video view. You can change the settings of Neposmart in the right pane.
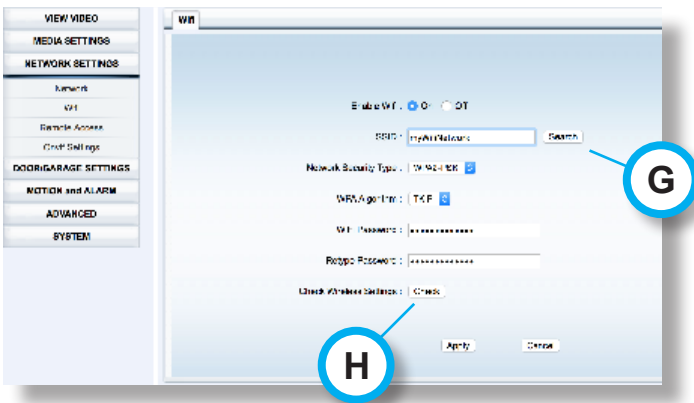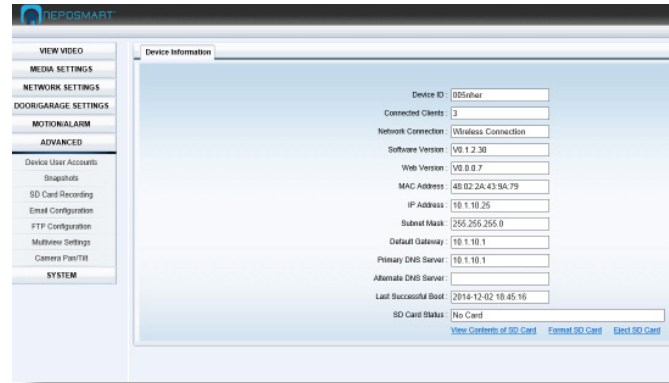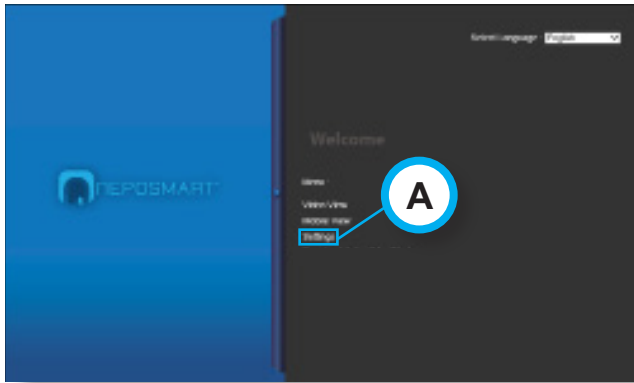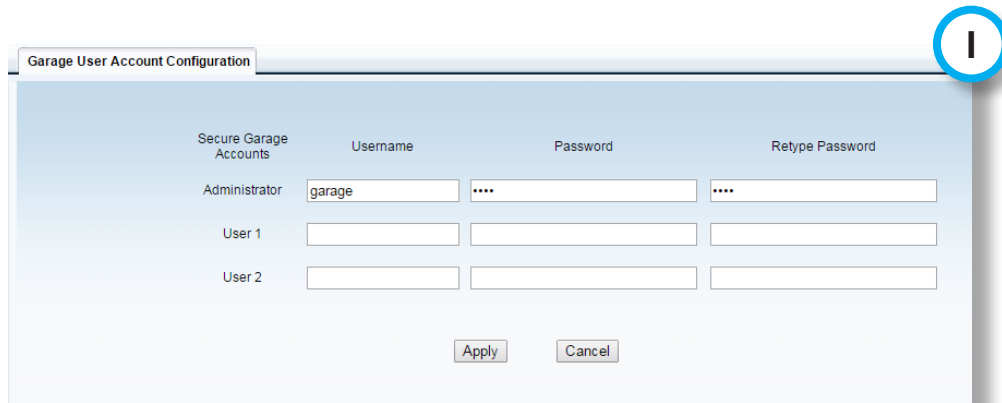

3. You will now see a summary of the settings on your Neposmart displaying the assigned IP Address, Subnet Mask, Default Gateway, and Primary DNS Server. You will need this information in the next step.

4. Click "Network Settings" then click "Network" on the left side of the screen.

5. Click "IP Configuration". A drop down menu will prompt you to select either Fixed IP Address or Dynamic IP Address. If you want your IP address to remain the same. Select "Fixed IP Address." Default values will be shown. You can also change your HTTP port and RTSP port number. For now, use the default and click "Apply".

6. If you are using WiFi, click "WiFi" on the left side of the screen. Select "On" next to "Enable WiFi". Click "Search" (G) to see a list of available wireless networks. Click "OK" to select your home wireless network. Alternatively, if you don't see your wireless network (If your network is "hidden" for instance), go back to the preceding screen and enter the name of your Wifi network into the field marked "SSID." Select the type of security your network uses under "Network Security Type." Most home networks use WPA2. In the "WPA Algorithm" select AES or TKIP. Next, type the password to your home Wifi network in the "WiFi Password" fields and click "Apply". Click "Check" (H) to test your connection.

7. A few usernames/passwords need to be changed to make Neposmart more secure. Click "Garage Settings" then click "Garage Users." ⓘ   You need to use the correct Door/Garage username and password to open/close your garage door. You should also be logged in as the Camera Administrator to control your garage door. The default Door/Garage Administrator username is garage and password is 2015. Change the username and password to your liking and tap "Apply." You can add up to 3 Door/Garage Administrators. You may wish to write down and store these passwords in a secure place.
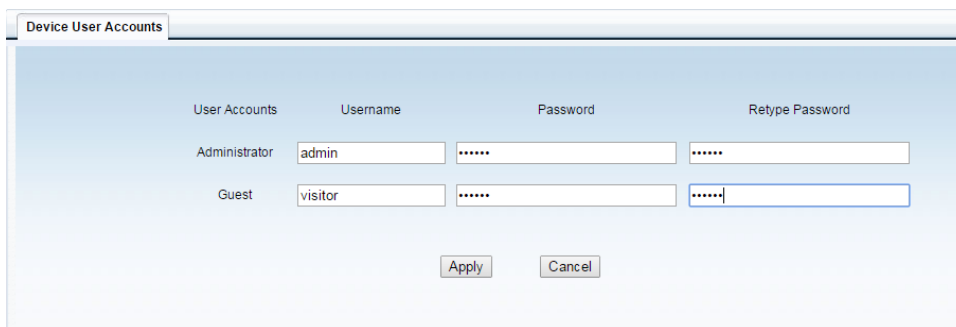

9. Next, we are going to change the Camera Administrator and Guest account username and password. The camera administrator will enable you to view your video and change all the available camera settings. The default Camera administrator username is admin and password is 123456. The Guest account on the other hand can view the video but cannot control and change any settings. Click "Advanced" then click "Users and Passwords."

10. Change the username and password to your liking and tap "Apply". You may wish to write down and store these passwords in a secure place and memorize them thoroughly. Keeping these passwords different from the ones that open and close the garage door is highly recommended.

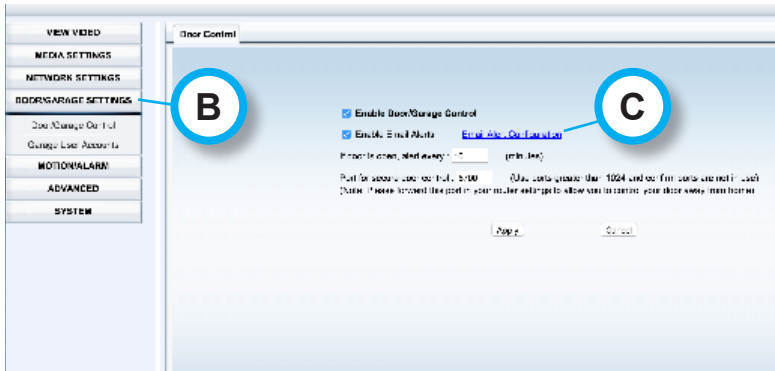11. Your Neposmart is now ready for installation in your garage. You may now unplug it and take all the items that came with your Neposmart to your garage.

Step 3 - Installing Neposmart in your Garage

You may refer to Step 3 in the section on Neposmart setup using an iOS device to install Neposmart in your garage. You may proceed to step 4 once you are finished installing Neposmart in your garage.

Step 4 - Finalizing Setup

Neposmart can send email and text alerts using the email to SMS function offered by your cellular carrier.

1. Go to Settings in your web browser. Click "Door/Garage Settings" then click "Door/Garage Control" (B)

2. Click "Email/Alert Configuration." (C)

3. In the garage email and alert settings, you can have Neposmart send an email when your garage is opened or closed or motion is detected. First, you must pick an email address from which to send the alerts. When Neposmart sends the alerts, it will be sent from that email address. Enter this into "Sender Email Address" then enter the password for this email account in "Email Password." (I) For the rest of the required information (M) such as port numbers, server names, and SSL refer to your email provider's (e.g. Yahoo!, Comcast,Gmail, Live) documentation on setting up email accounts on email applications such as Microsoft Outlook, Apple Mail, Mozilla Thunderbird, and other email clients.

Commonly used SMTP email server:

SMTP Server	Port	Encryption
smtp.gmail.com	465	TLS
smtp.mail.yahoo.com	465	TLS
smtp.live.com	587	STARTTLS
smtp.comcast.com	465	TLS

4. When you have entered all this information, you can choose email addresses to notify when the garage door is opened or closed. (N) Enter in "Send Alerts To." If you would like Neposmart to send a text message instead, refer to the documentation on your cellular carrier's email to SMS function. A list of email to SMS email addresses can be found at **http://www.emailtextmessages.com**. If you are using Verizon for instance, and your number is **2031234567**, then you would enter **2031234567@vtext.com** in the list of email addresses to send alerts to.

5. You can customize the messages you receive when an alert is sent as well. When you are finished, tap "Apply" (O) then click "Test" to test your settings. This will send a test message to all of the email addresses and phone numbers you set to receive alerts from Neposmart.
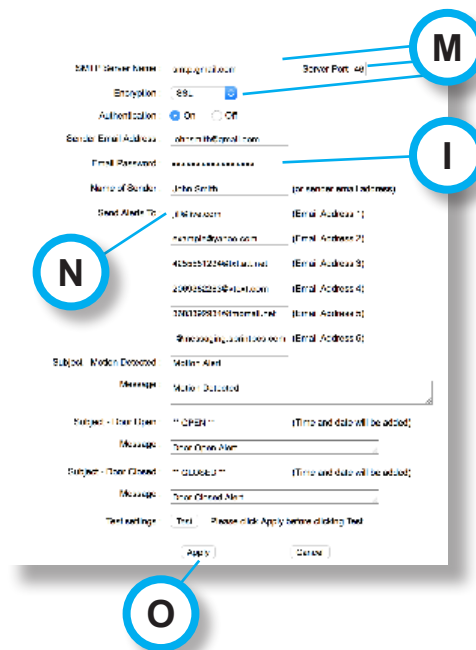
Congratulations! You have finished setting up Neposmart!

Using the iOS Neposmart App

The iOS Neposmart App can be found on the App Store and allows you to use and set up Neposmart from your mobile device.
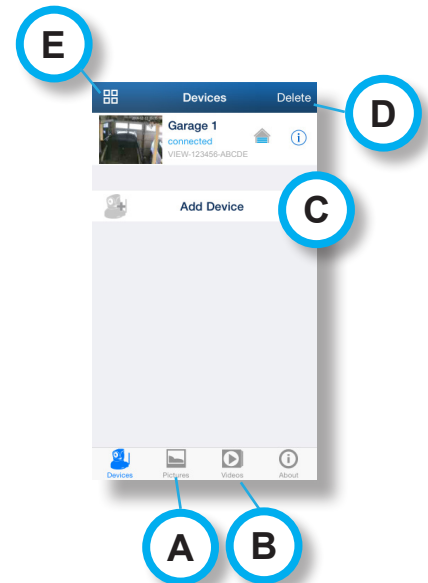
Using the App

1. When you open the Neposmart app, you will see a screen as shown. There are a number of buttons on the bottom of the screen. To view snapshots you have taken in the app, tap "Pictures." (A) To view videos you have saved, tap "Videos" (B) Tap "About" to see what version of the app you are using and to enable/disable the In-App Guided Tutorial.
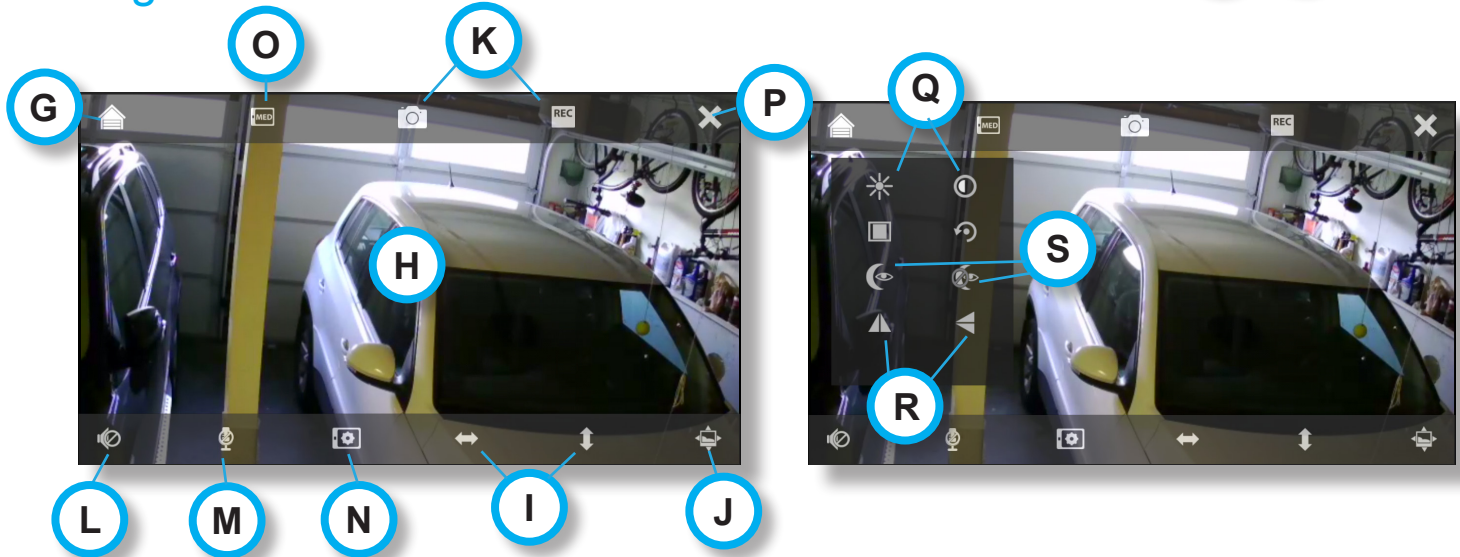
2. You can add a new Neposmart Camera by tapping "Add Device" (C) You can also tap "Delete" (D) to delete a Camera.

3. Tapping the Multi-View Button (E) allows you to view video for up to four Neposmart devices simultaneously. To view an individual Neposmart device while in Mult-View, double tap the screen.

4. To edit the settings of a Neposmart Camera, tap the Settings Button (i) next to the Camera

Using the Video View

1. You can tap an individual Neposmart by tapping it to choose it in the list. This will open a video view. You will see video from the Neposmart in the middle of the screen.

2. You can open and close your garage door by tapping the garage button on the top left of the screen. (G)

3. To view a different part of the room or garage that Neposmart is in, you can swipe on the video. (H) The Camera in Neposmart will move stepwise. You can also have the camera in Neposmart sweep from side to side or up and down by tapping the pan or tilt buttons. (I) The camera will make a full sweep and stop, but you also can tap the pan or tilt button again as it is sweeping to stop the camera.

4. Neposmart can remember a number of different positions for the internal camera. For instance, you could set your Neposmart to point at the garage door or to your car. These positions are called "Presets" and are numbered in the app. To use this feature, tap "Presets" (J) and tap "Set" and a number to set a preset position. You can make Neposmart quickly and smoothly move to one of your pre-set positions by tapping "Presets," "Go" and choosing a preset number.

5. you can take snapshots or save video from Neposmart by tapping the snapshot or video buttons (K) You can see the videos and snapshots you have saved in "Pictures" and "Video."

6. Neposmart also has an intercom feature. This allows you to listen to sounds in your garage (or any room where Neposmart is located) and talk to other people in the garage or room Neposmart is located. To use the intercom feature, tap the speaker (L) to listen to the sounds of your Camera location or tap the Microphone (M) to talk to anyone in the location. When you are done, just tap the speaker and microphone button to mute them. You may want to wear headphones to prevent audio feedback if both the speaker and microphone are enabled at the same time.

7. You can adjust the display by tapping the display settings button. (N) Adjust the contrast and brightness by tapping the brightness and contrast buttons (Q) You can reset the brightness and contrast settings by tapping the reset button. You can also flip and mirror the video by tapping the flip and mirror buttons (R). You can also turn the night vision lights on Neposmart on and off (S) to override the automatic nigh vision detection mode.

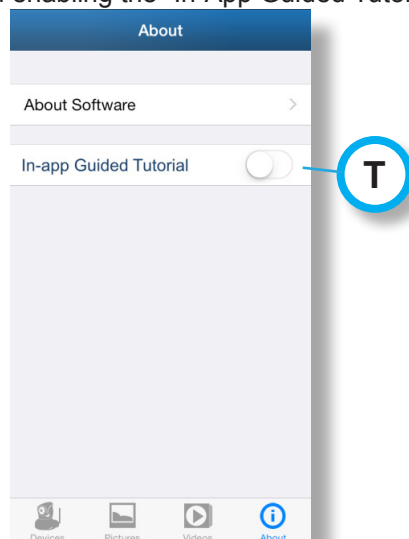8. You can change the video quality by tapping on the video quality button (O) The options are HD, Medium or Low.

9. To leave the video view and return to the list of available Neposmart devices, tap the exit button (P) on the top right

10. You can also use the voice command feature. Shake your mobile device to activate voice command. The different voice command options include:

Open Garage Door	Turn off Night Mode
Close Garage Door	Normal Mode
Door Status	Upside down mode
Set Position < 1 - 8 >	Take snapshot
Go Position < 1 - 8 >	Record Video
Turn on Night Mode	

Neposmart In-App Guided Tutorial

The first time you use the app, you will be asked if you want to go through a guided tutorial. It is highly recommended to go through this voice guided tutorial. At anytime you can enable an interactive in-app guided tutorial that will help explain the main features on setting up your Neposmart Camera and using the App by tapping the "About" tab from the main Device List screen and enabling the "In-App Guided Tutorial" button. (T)
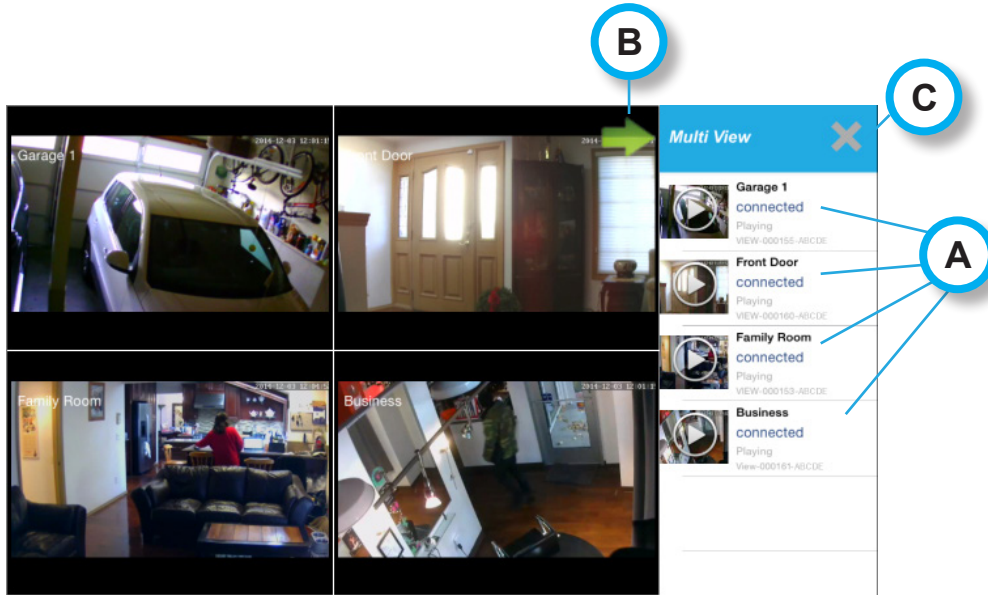
Multi-View Mode

1. You can view video for up to 4 different Neposmart Cameras at once by tapping the Multi-View Button from the Devices screen. *See previous page*

2. Tap the Neposmart Devices that appear on the right **(A)** to add them to the Multi-View mode. You can hide the list by tapping on the arrow **(B)** Double tap any camera you have active to bring the single video screen.

3. You can pan and tilt any active camera by swiping a direction on the video feed in the direction that you want to pan/tilt.

4. To return to the main list of Neposmart devices, tap the return button on the right of the screen. **(C)**

Viewing Saved Snapshots and Videos

1. You can view snapshots and videos you have saved by tapping Pictures or Videos. The snapshots and videos will be organized by device. **(D)**
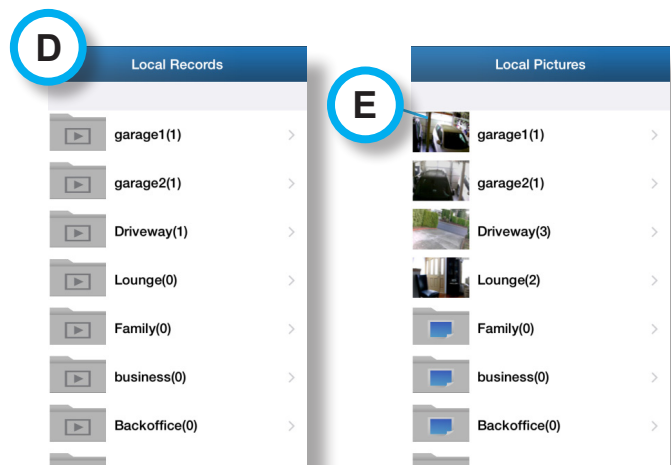
2. Tap the album of photos or videos you would like to view and you will see that your photos and videos are organized by day. Tap a day and you will get a grid of thumbnails. You can view a photo or video by tapping on it. **(E)** You can also select multiple photos or videos by tapping edit and tapping multiple photos to select them. You can choose to delete the selected photos or videos if you like.

3. When you are viewing a photo, you can swipe between different photos or quickly delete a photo by tapping on the delete button on the lower right corner. If you would like to save, email, print, or share a photo, tap the share button on the lower left corner.

4. When you are viewing a video, you will see the playback controls on the bottom of the screen.

5. Tap "Back" on the upper left corner to return.

Changing Neposmart Settings

You can change the settings of Neposmart from the Neposmart app. To change the settings of a Neposmart device, tap the (i) icon next to that Neposmart. You can rename the Neposmart from here or tap "Advanced Settings" to access advanced Neposmart settings. When you tap "Advanced Settings," you will see a menu allowing you to change various Neposmart Settings.

WiFi Network

You can change your Wifi settings or connect to a different Wifi network in WiFi settings. Neposmart may take a few moments to search for available Wifi networks. Choose a network you would like to connect to by tapping on it.

User Settings

See "Connecting Wirelessly & Changing Usernames/ Passwords" in "Neposmart Setup Using an iOS Device"
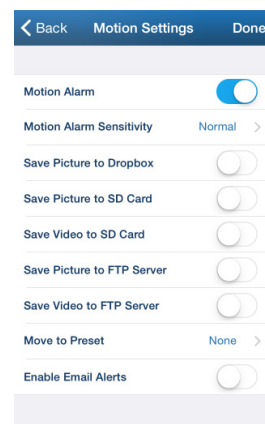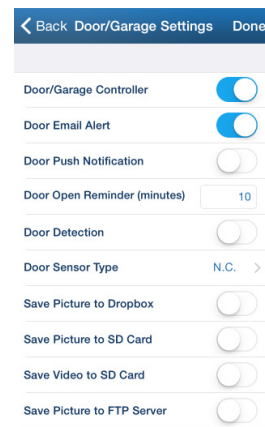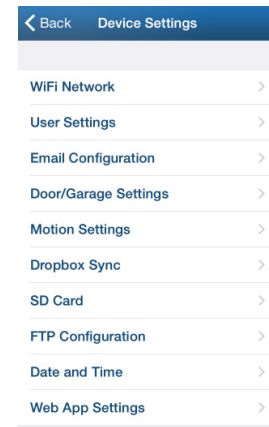
Email Configuration

See "Settings Up Garage Door Alerts" in "Neposmart Setup Using an iOS Device"

Door/Garage Settings

You can change the garage control feature of Neposmart here. You can enable or disable the garage controlling feature. It is highly recommended to leave the door/garage controller enabled as this is used by other functions such as Dropbox Sync and Push Notifications. You can also enable the door sensor and change the mode of the door sensor. You can also enable email alerts when your garage door is opened or closed and have Neposmart send reminders whenever you have forgotten to close your garage door.

Motion Settings

You can set up the built in motion alarm features of Neposmart here. You can enable or disable the motion detection alarm and alarm sensitivity, and you can also have Neposmart save pictures or video to Dropbox, an SD card inserted into Neposmart, or an external FTP server when the alarm is triggered. Additionally, you can have the Neposmart internal camera move to a preset position after the motion is triggered or send email or text alerts.

Dropbox Sync

See "Configuring Dropbox Sync Using iOS" in "Neposmart
Setup Using an iOS Device"

SD Card

You can insert an SD card in your Neposmart Camera and this will
allow you to save images and video directly to the SD card. You can
access those images and videos via a web browser connection or by
transferring the files stored in the SD card to another location. You
can also tap the "Format SD Card" button to erase the content of
your SD Card.

FTP Configuration

You can connect Neposmart to an external FTP server here. Enter
the server address under "Server," the FTP port number under "Port,"
your username and password to log into the server, and the upload
path. You can set Neposmart save video or pictures to this server
when motion is detected or a door open is detected.

Date and Time

You can adjust the date and time of the Neposmart internal clock
here. You can choose a time zone here. Additionally, you can set
Neposmart to set the internal clock automatically using NTP. You
can choose the server that Neposmart uses to set the internal clock
under "NTP Server." Additionally, you can have Neposmart set the
time based on the time set on your iOS device.

Web App Settings

This is where you can view your device Local and External IP
address as well as change the Port Number of your Device and Door
Controller to configure more advanced settings through your web
browser. For more information, see "Neposmart Web Settings" in the
"Advanced Settings and Features" section.

Device Info

You can view information about your Neposmart device here as well
as physically restart your Neposmart IP Camera

Using the Android Neposmart App

The Android Neposmart App can be found on the Google Play Store and allows you to use and set up Neposmart from your mobile device.

Using the App

1. When you open the Neposmart app, you will see a screen as shown. There are a number of buttons on the bottom of the screen. To view snapshots you have taken in the app, tap "Pictures." (A) To view videos you have saved, tap "Videos" (B) Tap "About" to see what version of the app you are using and an option to enable/disable the In-App Guided Tutorial.

2. You can add a new Neposmart Camera by tapping "Add Device" (C) You can also tap "Delete" (D) to delete a Camera.

3. Tapping the Multi-View Button (E) allows you to view video for up to four Neposmart devices simultaneously. To view an individual Neposmart device while in Multi-View, just double tap the screen.

4. To edit the settings of a Neposmart Camera, tap the Settings Button next to the Camera

Using the Video View

1. You can tap an individual Neposmart by tapping it to choose it in the list. This will open a video view. You will see video from the Neposmart in the middle of the screen.

2. You can open and close your garage door by tapping the garage button on the top left of the screen. (G)

3. To view a different part of the room or garage that Neposmart is in, you can swipe on the video. (H) The Camera in Neposmart will move stepwise. You can also have the camera in Neposmart sweep from side to side or up and down by tapping the pan or tilt buttons. (I) The camera will make a full sweep and stop, but you also can tap the pan or tilt button again as it is sweeping to stop the camera.

4. Neposmart can remember a number of different positions for the internal camera. For instance, you could set your Neposmart to point at the garage door or to your car. These positions are called "Presets" and are numbered in the app. To use this feature, tap "Presets" (J) and tap "Set" and a number to set a preset position. You can make Neposmart quickly and smoothly move to one of your pre-set positions by tapping "Presets," "Go" and choosing a preset number.

5. you can take snapshots or save video from Neposmart by tapping the snapshot or record buttons (K) You can see the videos and snapshots you have saved in "Pictures" and "Video."

6. Neposmart also has an intercom feature. This allows you to listen to sounds in your garage (or any room where Neposmart is located) and talk to other people in the garage or room Neposmart is located. To use the intercom feature, tap the speaker **L** to listen to the sounds of your Camera location or tap the Microphone **M** to talk to anyone in the location. When you are done, just tap the speaker and microphone button to mute them. You may want to wear headphones to prevent audio feedback if both the speaker and microphone are enabled at the same time.

7. You can adjust the display by tapping the display settings button. **N** Adjust the contrast and brightness by tapping the brightness and contrast buttons. **Q** You can reset the brightness and contrast settings by tapping the reset button. You can also flip and mirror the video by tapping the flip and mirror buttons **R**. You can also turn the night vision lights on Neposmart on and off **S** to override the automatic night vision detection mode.

8. You can change the video quality by tapping on the video quality button **O** The options are HD, Medium or Low.

9. To leave the video view and return to the list of available Neposmart devices, tap the exit button **P** on the top right

10. You can also use the voice command feature. Shake your mobile device to activate voice command. The different voice command options include:

Open Garage Door	Turn off Night Mode
Close Garage Door	Normal Mode
Door Status	Upside down mode
Set Position < 1 - 8 >	Take snapshot
Go Position < 1 - 8 >	Record Video
Turn on Night Mode	

Neposmart In-App Guided Tutorial

The first time you use the app, you will be prompted whether you want to go through a guided tutorial. It is highly recommended to go through this tutorial. At any time, you can enable this interactive in-app guided tutorial that will help explain the main features on setting up your Neposmart Camera and using the App by tapping the "About" tab from the main Device List screen and enabling the "In-App Guided Tutorial" button. **T**

Multi-View Mode

1. You can view video for up to 4 different Neposmart Cameras at once by tapping the Multi-View Button from the Devices screen. *See previous page*

2. Tap the Neposmart Devices that appear on the right **(A)** to add them to the Multi-View mode. You can hide the list by tapping on the arrow **(B)** Double tap any camera you have active to bring the single video screen.

3. You can pan and tilt any active camera by swiping a direction on the video feed in the direction that you want to pan/tilt.

4. To return to the main list of Neposmart devices, tap the return button on the right of the screen. **(C)**

Viewing Saved Snapshots and Videos

1. You can view snapshots and videos you have saved by tapping Pictures or Videos. The snapshots and videos will be organized by device. **(D)**

2. Tap the album of photos or videos you would like to view and you will see that your photos and videos are organized by day. Tap a day and you will get a grid of thumbnails. You can view a photo or video by tapping on it. **(E)** You can also select multiple photos or videos by tapping edit and tapping multiple photos to select them. You can choose to delete the selected photos or videos if you like.

3. When you are viewing a photo, you can swipe between different photos or quickly delete a photo by tapping on the delete button on the lower right corner. If you would like to save, email, print, or share a photo, tap the share button on the lower left corner.

4. To view video, we recommend you use VLC Media Player in the Google Play Store.

5. Tap "Back" on the upper left corner to return.
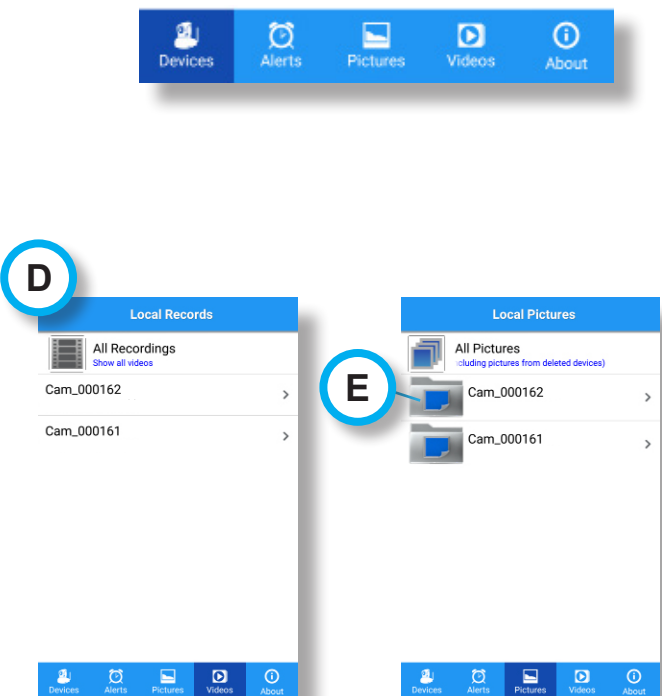
Changing Neposmart Settings

You can change the settings of Neposmart from the Neposmart app. To change the settings of a Neposmart device, tap the ⚙ icon next to that Neposmart. You can rename the Neposmart from here or tap "Advanced Settings" to access advanced Neposmart settings. When you tap "Advanced Settings," you will see a menu allowing you to change various Neposmart Settings.

WiFi Network

You can change your Wifi settings or connect to a different Wifi network in WiFi settings. Neposmart may take a few moments to search for available Wifi networks. Choose a network you would like to connect to by tapping on it.

User Settings

See "Connecting Wirelessly & Changing Usernames/Passwords" in "Neposmart Setup Using an Android Device"

Email Configuration

See "Settings Up Garage Door Alerts" in "Neposmart Setup Using an Android Device"

Door/Garage Settings

You can change the garage control feature of Neposmart here. You can enable or disable the garage controlling feature. It is highly recommended to leave the door/garage controller enabled, as this is used by other functions such as Dropbox Sync and Notifications. You can also enable the door sensor and change the mode of the door sensor. You can also enable email alerts when your garage door is opened or closed and have Neposmart send reminders whenever you have forgotten to close your garage door.

Motion Settings

You can set up the built in motion alarm features of Neposmart here. You can enable or disable the motion detection alarm and alarm sensitivity, and you can also have Neposmart save pictures or video to Dropbox, an SD card inserted into Neposmart, or an external FTP server when the alarm is triggered. Additionally, you can have the Neposmart internal camera move to a preset position after the motion is triggered or send email or text alerts.

Dropbox Sync

See "Configuring Dropbox Sync Using Android in "Neposmart Setup Using an Android Device"

SD Card

You can insert an SD card in your Neposmart Camera and this will allow you to save images and video directly to the SD card. You can access those images and videos via a web browser connection or by transferring the files stored in the SD card to another location. You can also tap the "Format SD Card" button to erase the content of your SD Card.

BACK	SD Card	DONE
SD Card Total Capacity:		7565MB
SD Card Available Capacity:		7565MB
Record Coverage:		☐
Record Time (minutes):	10	
Timer recording:		☐
FORMAT SD CARD		

FTP Configuration

You can connect Neposmart to an external FTP server here. Enter the server address under "Server," the FTP port number under "Port," your username and password to log into the server, and the upload path. You can set Neposmart save video or pictures to this server when motion is detected or a door open is detected.

BACK	FTP Configuration	DONE
Server	Enter FTP Server Address	
Port	21	
Username	Enter FTP Username	
Password	Enter FTP Password	
Upload Path	./	

Date and Time

You can adjust the date and time of the Neposmart internal clock here. You can choose a time zone here. Additionally, you can set Neposmart to set the internal clock automatically using NTP. You can choose the server that Neposmart uses to set the internal clock under "NTP Server." Additionally, you can have Neposmart set the time based on the time set on your Android device.

BACK	Date and Time	DONE
Device Time	WED, JAN 7, 2015 16:17:14 UTC	
Time Zone	(UTC-08:00) Pacific Time (US and (	
Set time automatically		☑
Time Server	time.windows.com	
SET TIME FROM MOBILE DEVICE		

Web App Settings

This is where you can view your device Local and External IP address as well as change the Port Number of your Device and Door Controller to configure more advanced settings through your web browser. For more information, see "Neposmart Web Settings" in the "Advanced Settings and Features" section.

BACK	Web App Settings	DONE
Device External IP	67.168.72.179
Device Local IP	10.1.10.25
Device Port Number	6264
Door Port Number	6700

Device Info

You can view information about your Neposmart device here as well as physically restart your Neposmart IP Camera.

BACK	About Device	
Firmware Version		0.1.2.30
API Version		1.5.1.0
P2P Version		0.1.0.25
P2P Build Date		2014-10-17
Door Controller Version		1205-1906
RESTART NEPOSMART DEVICE		

Using the Mobile Web Interface

Neposmart has a special mobile web interface that can be accessed from most mobile devices. With this mobile web interface, you can view video (with picture mode option) from your Neposmart, use Neposmart to open and close your garage door, and configure Advanced Settings. (A)

1. The web interface can be accessed by entering the IP address of your Neposmart into the address bar in your mobile web browser. Alternatively, you can access the web interface on Android or iOS by going to the list of Neposmart devices in the Neposmart app, then tapping "Launch Neposmart Web App. If you would like to use the mobile web interface from a desktop computer, click "Mobile View."

2. Enter the username (default is "admin") and the password (default is 123456) to your Neposmart and tap "Login" or "OK".

3. Once you have logged in, you may view video by tapping "Video." (B)   If your connection is slow or your data plan is limited, you may wish to tap "Picture" instead. This shows a series of snapshots when opening or closing your garage door without streaming video to minimize data usage. If you would like to change the settings of Neposmart, tap "Settings."
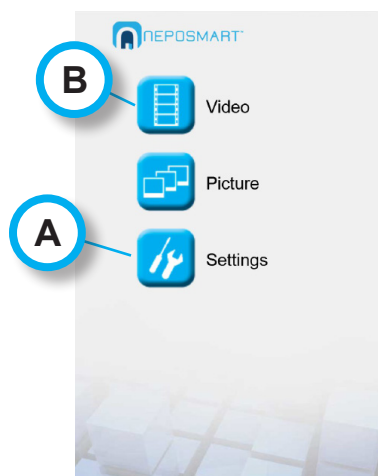
Using the Video and Picture View

Indicates your garage is Closed

Indicates your garage is open
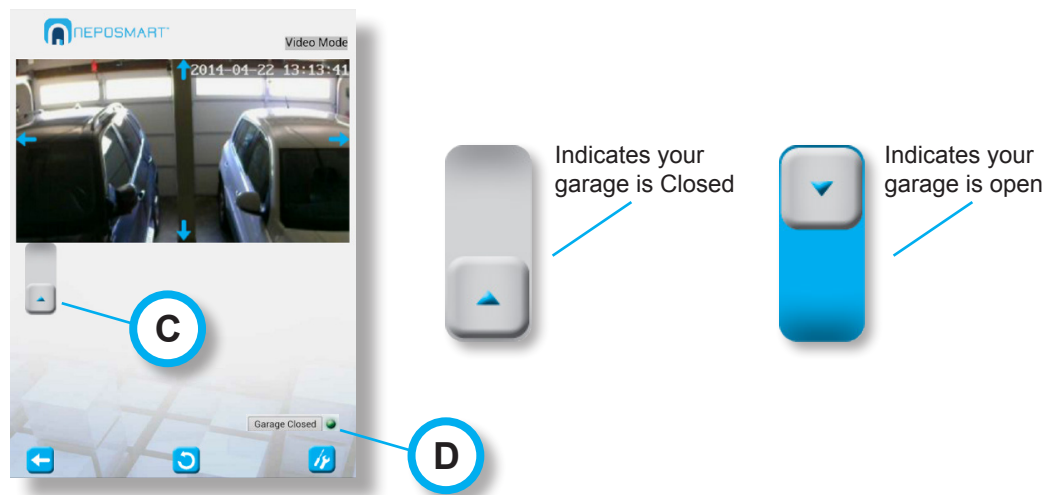
1. In the mobile interface, you can choose to use picture view or video view. If you do not want to stream video (useful if you have limited data or a slow connection), you can use picture view which displays a snapshot from the Neposmart internal camera instead of streaming video.

2. In the picture view and video view, you can see a snapshot or streaming video from the Neposmart internal camera in the center of the screen. There are three buttons on the bottom of the screen, a back button, a refresh button to refresh the page, and a settings button that will take you to settings. Additionally, there is button with an arrow on it. ⓒ When the arrow points down, the garage is open. Tap the button to close the garage. When the arrow points up, the garage is closed. Tap the button to open the garage. When you tap the button that opens and closes the garage, Neposmart will ask you for a username and password. Enter the garage username (default is garage) and password (default is 2015), and tap "OK" or "Log In." When your garage has just finished opening or closing, a message will pop up tell you whether your garage door is opened or closed ⓓ

3. To view a different part of your garage, you can either tap the blue arrows on the snapshot or video or swipe on the snapshot or video. The camera in Neposmart will move stepwise up and down and left and right depending on the direction that you swiped or the button that you pressed. Press the refresh button on the bottom center of the screen to refresh the snapshot.

48

Using the Desktop Web Interface

Neposmart has a desktop web interface that can be accessed from Mac OS X, Windows, and Linux. You can use this interface to view video from your Neposmart, use Neposmart to open and close your garage door, and adjust advanced Neposmart settings from your web browser.

Note: On Mac OS X, you will need to launch your terminal and type: qtdefaults write TransportSettings HTTP 80 **and change the audio compression to G.711 to view video from Neposmart and hear the audio. If your image still does not appear, reboot your Mac and relaunch the web browser.**

Using the Desktop Video View
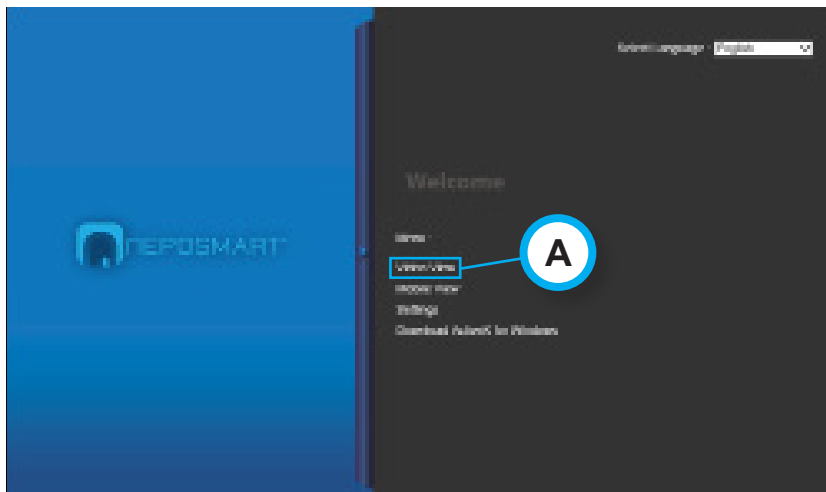
You can use Neposmart to view and control your garage by clicking on "Video View" (A) in the main menu.

The control panel (B) that appears on the right allows you to control the camera in Neposmart an open and close your garage door.

On the top of the screen, you can select which video stream from Neposmart you would like to view. Each stream has a different resolution, so you can pick one that suits you depending on the speed of your network connection. You can see the resolutions of each stream below.

Resolution: | 1280 x 720 | 640 x 360 | 320 x 180 |
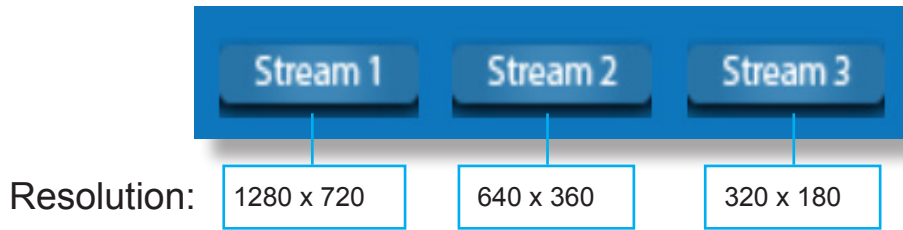
If you are using Microsoft Internet Explorer, you can also view video from multiple Neposmart devices at one time. You can choose to view video from one device, or if you have two to four devices, you can choose the view divided into quadrants. If you have more than four devices, pick the view divided into nine frames. You can find more information on viewing video from multiple Neposmart devices in the section "Viewing Multiple Neposmart Devices in Internet Explorer found in page 51.

This directional pad allows you to pan and tilt the camera in Neposmart. Clicking the circle button in the center of the pad centers the camera, and clicking the square button stops the camera as it is panning or tilting. There may be some lag in the video depending on the speed of your connection.

Neposmart can remember up to eight different positions for the internal camera. You can set these positions depending on your preference. For instance, you could set your Neposmart to point at the garage door or to your car. These eight positions are called "Presets" and are numbered from one to eight. To use this feature, use the large round pad with arrow buttons to position the camera in Neposmart to your liking. Click "Preset" to choose which preset you would like to assign this position to. Click "Set" to make Neposmart learn this position. You can make Neposmart quickly and smoothly move to one of your pre- set positions by choosing a preset and clicking "Call."

You can also sweep the internal camera in Neposmart side to side or up and down by simply clicking either the pan (horizontal sweep) or tilt (vertical sweep) buttons which are two double-ended arrow buttons. The camera in Neposmart will return to the initial position it was in after it has finished making a full sweep.

If you are using Internet Explorer, you may also see a number of additional buttons. You need to disable User Access Control in Windows to use these features. You can take snapshots of the video from Neposmart by clicking on the camera icon. You can also record a clip of the video from Neposmart by clicking the film icon.

Additionally on Windows, you may see two other icons. The SD card icon allows you to view snapshots and clips stored on an SD card inserted into Neposmart. You can find more information on using SD cards later in this chapter. The play button allows you to play recorded video clips.

You can access the Neposmart web setting by clicking "Settings." Clicking the "Home Page" button returns you to the main menu.

If you like, you can use Neposmart to open and close your garage door by clicking "Garage Control."

If you are using Windows, you may also see a status bar under the video. On the left of the status bar is the connection status of the Neposmart. On the right of the status bar are a number of buttons. You can zoom using the + and – buttons. The circle icon zooms out completely. The other three buttons allow you to set the folder where snapshots and video clips from the Neposmart are stored, mutes and unmutes the internal or external Neposmart microphone and mutes and unmutes any speakers connected to Neposmart.

Web on Internet Explorer and Neposmart Control on Windows

An enhanced web interface with additional features is available for Microsoft Internet Explorer. It allows you to view video from multiple Neposmart devices at one time. You can also use the Neposmart application for Windows to view video from multiple Neposmart devices at one time.

Viewing Multiple Neposmart Devices in Internet Explorer

1. The web interface for Internet Explorer allows one to view video from multiple Neposmart units. To enable this feature, open the Neposmart web interface by entering the IP address of your Neposmart. For example, if your IP address is 192.168.1.15 and your port number is 80, you would enter http://192.168.1.15:80 into your web browser.

2. A popup window will ask you to log in. Enter admin as the username and the password for your Neposmart in the password field.

3. If you did not do this when you initially installed Neposmart, click "Download ActiveX for Windows."

4. Click "Settings" (A) and the Setting screen will be displayed. Click "Advanced Settings" on the left panel of the setting screen and then click Multiview Settings (B)

5. You can add up to nine Neposmart devices for simultaneous viewing. You can find connected Neposmart devices in the Available Devices list (D) To add another Neposmart device, click "Device 2" then choose a device listed in the "Available Devices" list. Enter the username and password for the Neposmart device you are adding, and click "Add." (E) When you are finished adding devices, click "Submit."
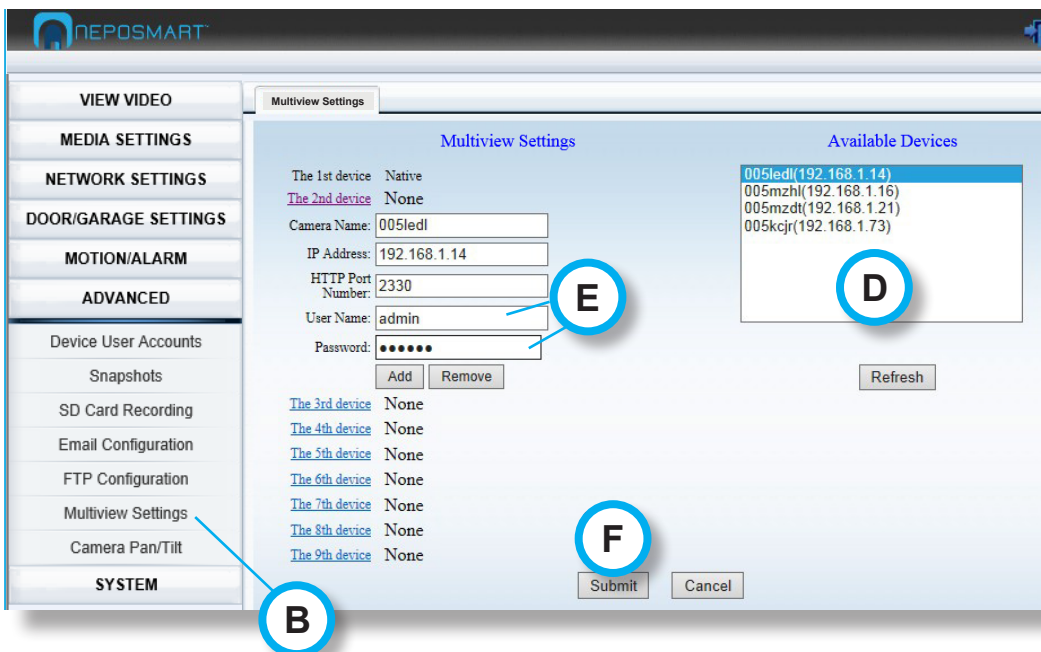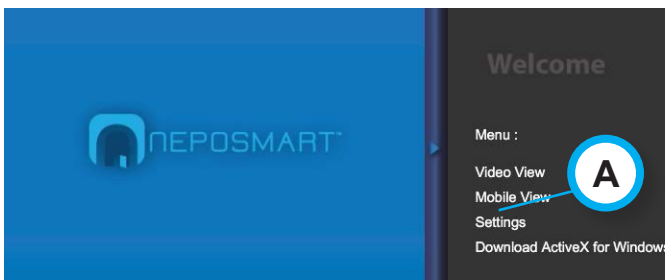
6. Click "Video View" to view video from the Neposmart devices that you have added. If you have two to four cameras, choose the view divided into quadrants in (H) If you have more than four cameras, you may choose the view divided into nine sections. You can pan and tilt the cameras in individual Neposmart devices or change the settings of each device.

7. Each Neposmart has a status bar (I) On the left of the status bar is the connection status of the Neposmart. On the right of the status bar are a number of buttons. You can zoom using the + and – buttons. The circle icon zooms out completely. The other three buttons allow you to set the folder where snapshots and video from the Neposmart are stored, mutes and unmutes the internal or external Neposmart microphone and mutes and unmutes any speakers connected to Neposmart.
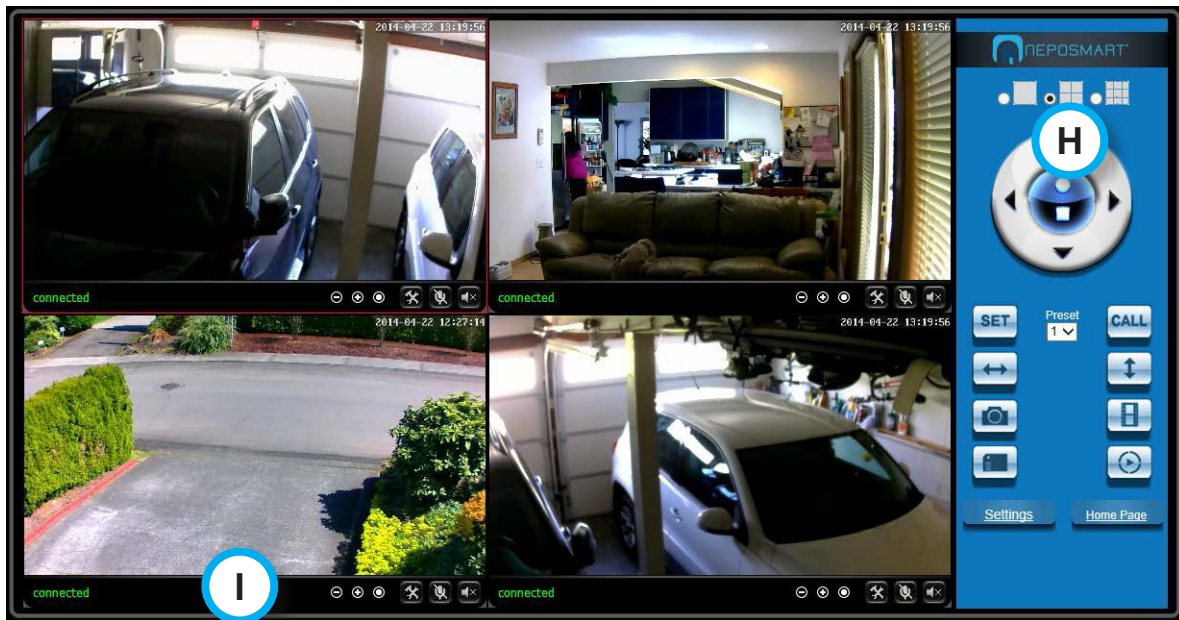
Viewing Multiple Neposmart Devices on Windows

1. If you like, you can download a program called NeposmartPC.exe from https://neposmart.com/support. This program allows you to view multiple Neposmart devices at one time. After you have installed the program, double-click on the "NeposmartPC" icon (A) to open it
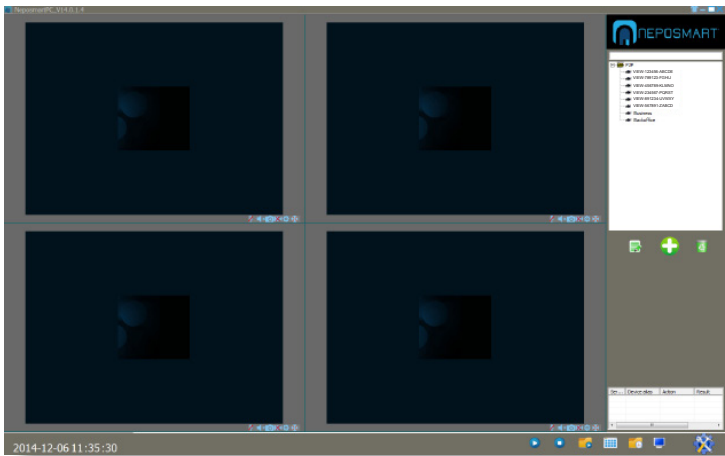
2. You can search for connected Neposmart devices by clicking

3. You will see a dialog box (B) Click "Search."
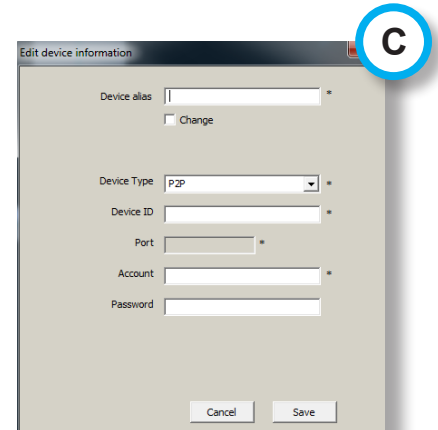
P2P

iI	Serial number	Device alias	Device ID	Port	Account	Password	Device Type
✓	5	VIEW-000163-TPXCH	VIEW-123456-ABCDE	6264			P2P
✓	4	VIEW-234567-FGHIJ	VIEW-234567-FGHIJ	6264			P2P
✓	3	VIEW-345678-KLMNO	VIEW-345678-KLMNO	6264			P2P
✓	2	VIEW-912345-PQRST	VIEW-912345-PQRST	6264			P2P
✓	1	VIEW-112233-HIJKL	VIEW-112233-HIJKL	6264			P2P
✓	0	VIEW-223344-MNOPQ	VIEW-223344-MNOPQ	6264			P2P

NON P2P

iI	Serial number	Device alias	Device ID	Port	Account	Password	Device Type
✓	5	005ldou	192.168.1.26	6264			non-P2P
✓	4	005mzhl	192.168.1.28	6264			non-P2P
✓	3	005kcjo	192.168.1.72	6264			non-P2P
✓	2	005nhes	192.168.1.24	6264			non-P2P
✓	1	005kcjr	192.168.1.30	6264			non-P2P
✓	0	005ledl	192.168.1.13	6264			non-P2P

4. There are two modes of search available. P2P mode allows you to auto discover your Neposmart cameras without the need for port forwarding. The second mode is non-P2P. This mode will auto discover your Neposmart cameras and this requires port forwarding to view the video remotely using the external IP address or the Manufacturer's provided DDNS address for your Neposmart Device. Accessing Neposmart using standard web browser will use the non-P2P mode connection.

5. You can select the Neposmart devices you want to view by clicking the checkbox on the left of the Neposmart devices that you would like to view. Enter the username and password for each device you would like to use on the left. When you are finished, click "Save."

6. If needed, you can also manually add Neposmart devices by clicking and then selecting Add device manually.

7. You will see a pop up window (C) where you can enter the details of the device you would like to add. If you like, you can give your device a meaningful name or alias. such as "Garage." Select P2P for Device Type and enter the Device ID prefixed by VIEW- and enter the account username and password. You can also add device manually using the non-P2P mode in the Device Type and enter the Device ID for non-P2P, port, account username and password. Each Neposmart camera has a sticker affixed at the bottom of the camera showing the Device ID for P2P and Device ID/DDNS for non-P2P.

8. You can start viewing video from a Neposmart device by selecting individual camera, right click the camera and select play video. You can also click ⚫ or click ▶ to Play All or Stop All devices from streaming video.
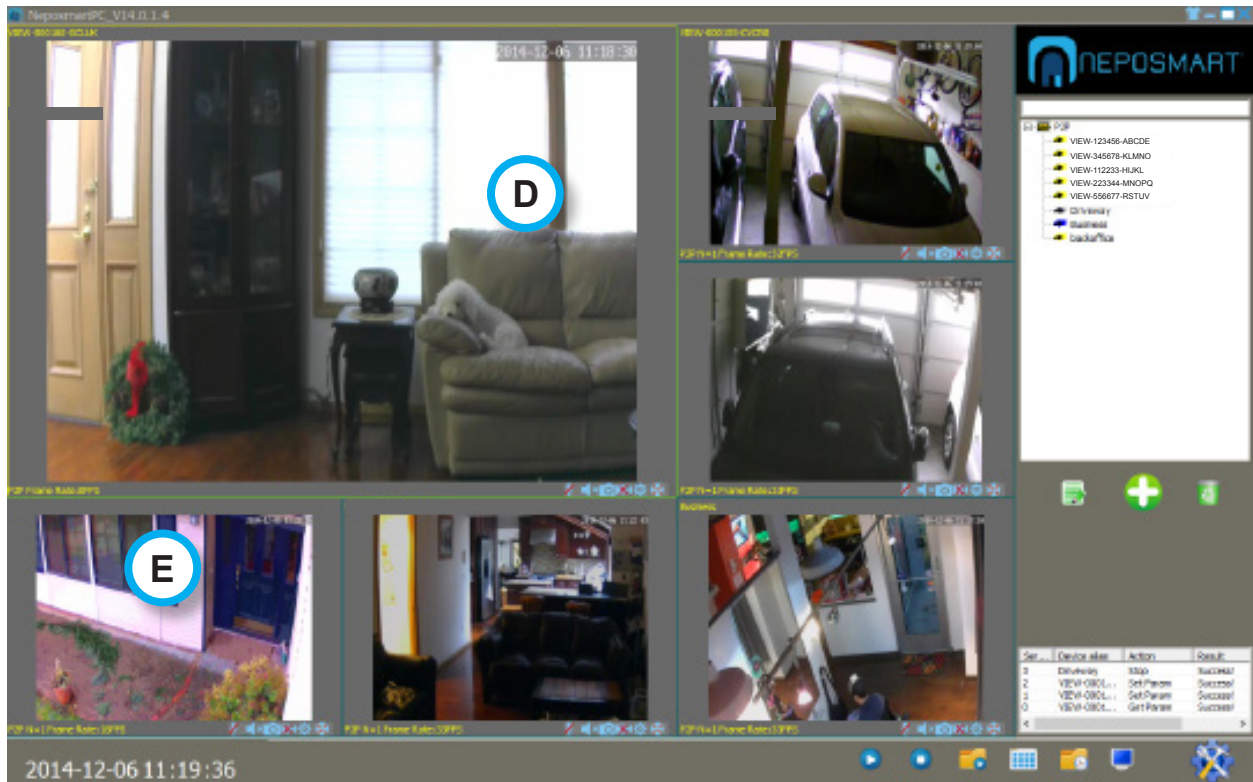
9. Right-clicking on the video (E) from a device will allow you to stop the video from streaming, to open the web interface of that device (for non-P2P only), and to modify properties and select plan record. You can also click individual icons per screen (G) to enable/disable microphone, enable/disable speaker, take a snapshot, record video, change brightness/contrast. Mirror, flip and resolution settings and pan/tilt settings and take a clip of the video from the device.

10. Clicking the 📑 button or right clicking a device in the device list will open a menu (F) From this menu, you can start or stop a video, open web interface (for non-P2P mode only), query the log file for the device, set Plan for record scheduling, edit device, delete device and set property.

11. To delete a device, select it in the list and, click the 🗑 button. To delete multiple devices, you can select them by holding the Ctrl or Shift key and clicking on the devices in the list that you would like to delete.

12. You can pan or tilt the camera in a specific Neposmart by selecting that Neposmart in the device list and clicking "PTZ Control." A directional pad will appear (H) in the right panel allowing you to tilt or pan the camera. Neposmart can remember up to eight camera positions. You can set positions by panning and tilting the camera to the position you want, choosing a number, and clicking "Set." When you want the camera to move to a specific preset position, choose the number you set for that position and click "Call." The camera will immediately pan and tilt to that position smoothly.

Viewing Video Using VLC Media Player

You can view the video (and sound) from Neposmart (although you can't control the camera or the garage) using VLC on Windows, Mac OS X, and Linux. To do this, click "File" then click "Open Network..." In the URL field, type rtsp://<Neposmart IP Address>. (For example, if the IP address of your Neposmart is 192.168.1.100, type rtsp://192.168.1.100). Click "Open," and a popup window will open. Enter the username and password of Neposmart and click "OK." A window will then open, allowing you to see and hear what the camera and microphone in your Neposmart sees and hears.
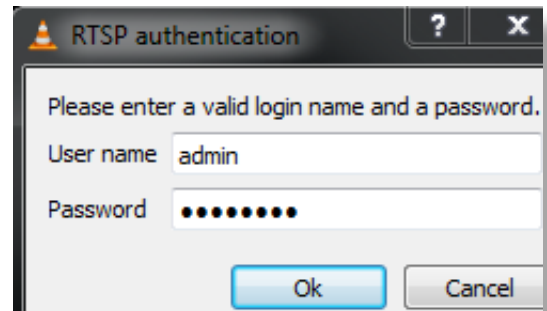
To view the second stream, you can enter rtsp://<Neposmart IP Address>/12. To view third stream, change /12 to /13.
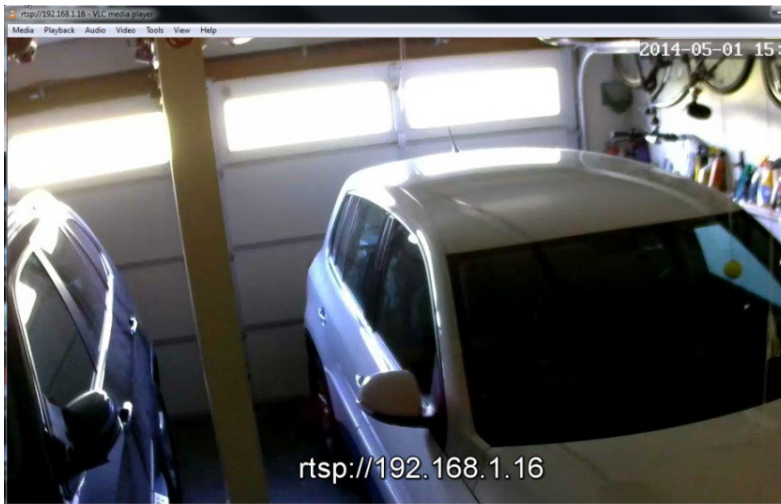
Advanced Settings and Features

If you like, you can access Neposmart from nearly any device with a web browser. This allows you to view and control your garage as well as change advanced Neposmart settings.

Neposmart Web Settings

Neposmart web settings allow you to change settings on Neposmart and set up advanced features. You can access it from nearly any device with a web browser. There are a number of ways to open web settings. You may go to the Neposmart app in Android and iOS, choose the camera you would like to configure, enter the Settings **(A)** and press "Launch Neposmart Web App" **(B)** You can use NeposmartSearch tool on a PC or Mac to search for your camera and open Neposmart via web. You may also open a web browser, enter the IP address of the Neposmart you would like to access, enter the username and password to your Neposmart, then from the main screen tap or click "Settings". The Neposmart web settings interface has two panes. The left pane **(C)** of the screen shows a list of settings you can change on Neposmart listed by category. Clicking a category on the left pane opens a drawer showing what settings are available in that category. You may also tap or click "Video View" to return you to video view. You can change the settings of Neposmart in the right pane.
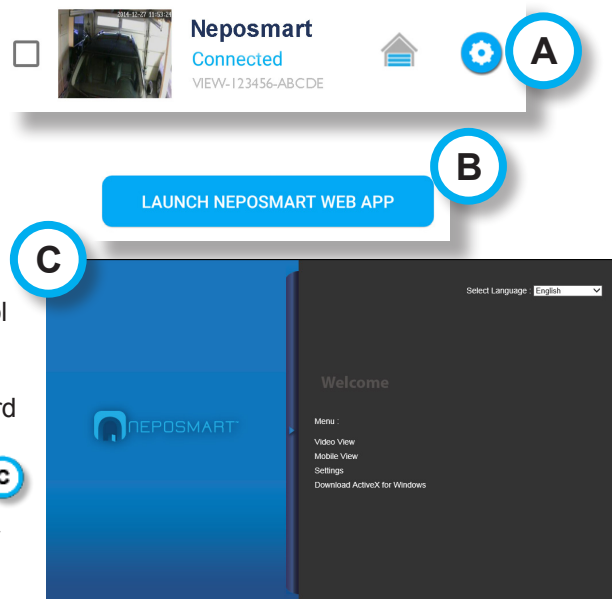
Media Settings

"Media Settings" allows you change the quality of the video streamed from Neposmart, the quality of the audio, and image settings. **(A)**

Video **(B)**

You can change the settings of each of the three video streams that Neposmart produces here. While you cannot change the resolutions of each video stream, you can set the bit rate and maximum frame rate of each stream. Higher bit rates and frame rates use more data. If you notice flickering in the video from your lights, you can change the frequency setting from 50Hz to 60Hz to reduce or remove the flickering.
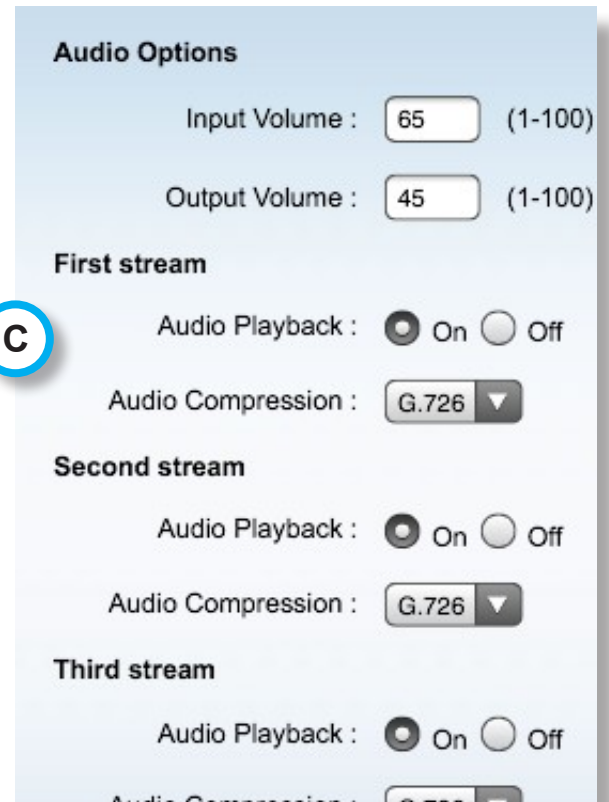
You can also control the resolution of the video in the mobile web interface by changing the "JPEG Stream" resolution. A higher resolution will use more data. You can also choose whether a time stamp or device name appears on the video in "Overlay Options."
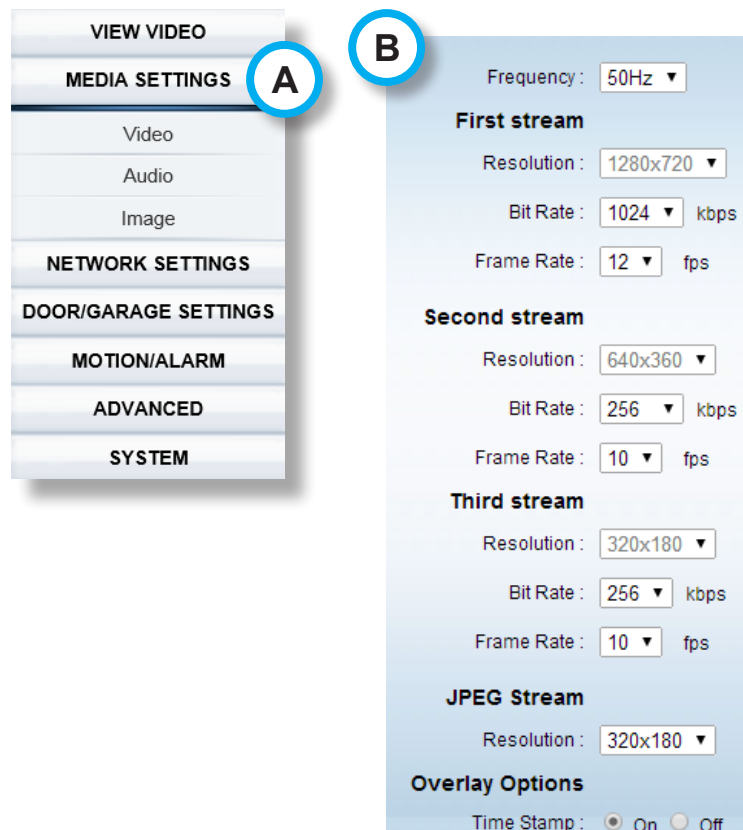
Audio C

You can change the audio quality in each of the three video streams here. Neposmart supports G.711 and G.726 audio compression. G.711 produces higher quality audio, but uses more data. You can also turn audio playback for each of the streams on and off. If you like, you can change the volume of the internal or external microphones or speakers by changing the input and output volume.
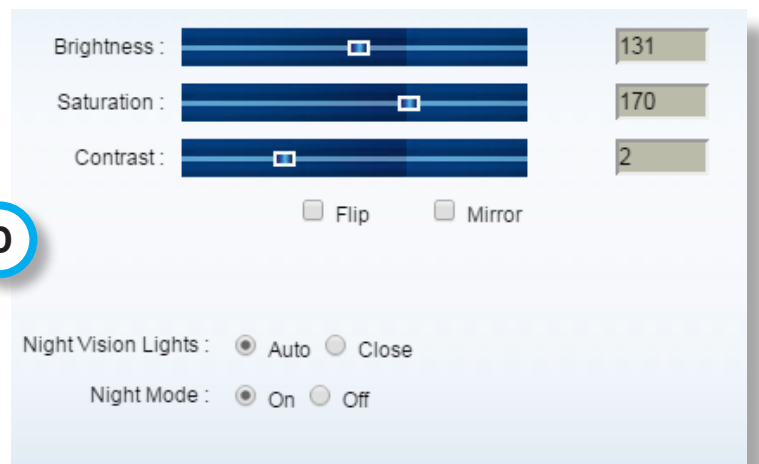
Audio Options

Input Volume : 65 (1-100)

Output Volume : 45 (1-100)

First stream

C

Audio Playback : ● On ○ Off

Audio Compression : G.726 ▼

Second stream

Audio Playback : ● On ○ Off

Audio Compression : G.726 ▼

Third stream

Audio Playback : ● On ○ Off

Image D

Here you can set the brightness, saturation, and contrast of the video from the Neposmart internal camera. You can also turn night mode on and off and disable and enable the night vision lights. Additionally, if your Neposmart is mounted upside down, you can select both "Flip" and "Mirror."

Note: Night Vision Lights is set to Auto by default. Your Neposmart camera is equipped with a photo light Sensor to detect lights. Sometimes, you may want to Close the Night vision lights especially if you place your Neposmart camera in a darker corner viewing a well-lit room. Since the light sensor is in the camera, it will sense low light condition and will automatically switch to night vision mode which will make the video appears in black and white. To override, you can select Night Vision Lights to Close. You can also use your iPhone or Android phone to enable or disable night mode. In the video mode, shake your phone to activate voice command. Say Turn ON night mode or Turn OFF night mode.

Brightness : 131

Saturation : 170

Contrast : 2

☐ Flip ☐ Mirror

D

Night Vision Lights : ● Auto ○ Close

Night Mode : ● On ○ Off

Network Settings

"Network Settings" allows you to change Neposmart network settings.

NETWORK SETTINGS

Network
Wifi
Remote Access
Onvif Settings
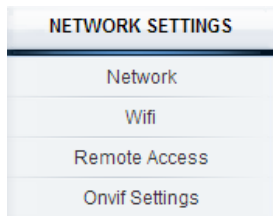
Network (E)

In "Network," you can set the network settings Neposmart will use to connect to your network and to the Internet. You can choose whether Neposmart uses a dynamic IP address (automatically set by your router and may change when the camera is reconnected) or a static IP address (set by you and does not change). If you intend to use Neposmart to control your garage away from home using a web browser, using a static IP address is highly recommended.
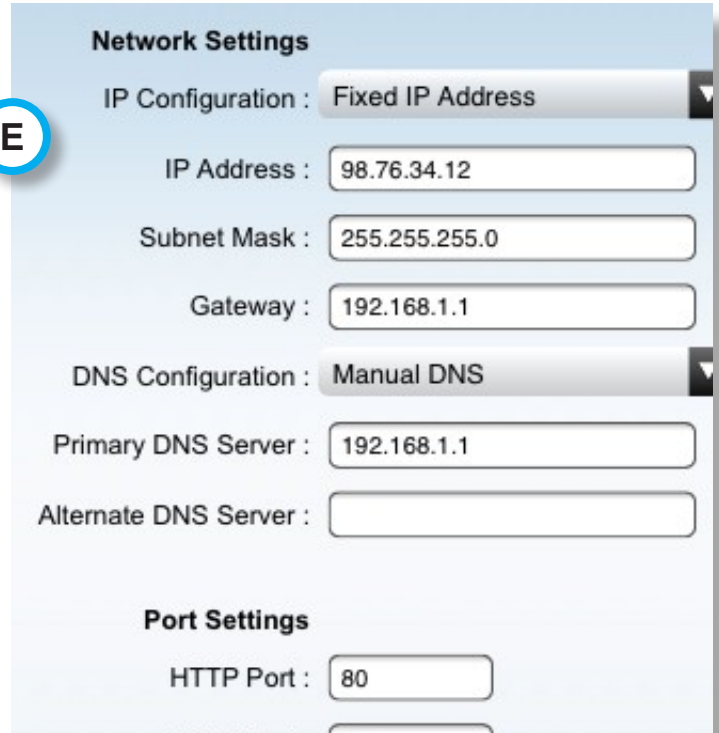
Note: If you are using Android, iOS or PC client app to view your video and control your garage, you can leave the IP configuration to Dynamic IP address. The app will auto discover your camera even though IP address and port number changes and there is no need for port forwarding

If you want to use web browser to access your camera and control your garage door remotely with a static IP address, you can click on "Network Settings" then click "Network". Under IP Configuration. select "Fixed IP Address" from the drop down and the current settings will be shown. Click Apply.

Additionally, you can change port settings if necessary. This is only necessary if you have multiple Neposmart cameras that you want to access remotely via the web browser. The HTTP port is used for accessing the Neposmart web interface. The RTSP port is used for accessing the video using program like VLC.

E

Network Settings

IP Configuration :	Fixed IP Address
IP Address :	98.76.34.12
Subnet Mask :	255.255.255.0
Gateway :	192.168.1.1
DNS Configuration :	Manual DNS
Primary DNS Server :	192.168.1.1
Alternate DNS Server :	

Port Settings

HTTP Port :	80

If you are using Android, iPhone or PC app with P2P mode, you can access multiple cameras remotely without the need to change these ports.

Wifi (F)

If your Neposmart is connected to your network using Wifi, click "On" to turn Wifi on. Click "Search" to see a listing of available wireless networks. Click "OK" to select your home wireless network. Alternatively, if you don't see your wireless network (If your network is "hidden" for instance), go back to the preceding screen and enter the name of your Wifi network (Make note of the capitalization) into the field marked "SSID." Select the type of security your network uses under "Network Security Type." Most home networks use WPA2. In the "WPA Algorithm" select TKIP if you don't know which your home network uses. Next, type the password to your home Wifi network in the "Wifi Password" fields and click "Apply." Click "Check" to check your settings.

F

Enable Wifi :	● On ○ Off
SSID :	MyNetwork [Search]
Network Security Type :	WPA2-PSK
WPA Algorithm :	TKIP
WiFi Password :	
Retype Password :	
Check Wireless Settings	[Check]

Remote Access (G)

If you would like to use Neposmart away from home using a web browser a few of these settings may be useful. DDNS provides you with an easy way to access the Neposmart away from home through a web browser by simply enabling the Manufacturer's DDNS. Each Neposmart camera comes with a unique DDNS URL. For example: http://005mzdq.nwsvr1.com. This URL will resolve to your Neposmart external IP address and port number. You will need to enable port forwarding on your router for this feature to work. If you don't want to use the free DDNS service provided by Neposmart, you can set Neposmart to use another DDNS service in the "Third Party DDNS" section or manually enter the external IP address and port number. For example: if your external IP address is 99.88.77.66, you enter http://99.88.77.66:6264 directly on the address bar of your web browser. UPnP port forwarding can also be used if your have UPnP enabled on your router to automatically forward ports. UPnP is not very secure, as it will allow devices to automatically forward ports without authorization, so enabling it is not recommended unless necessary. If you would like to find your external IP address (useful for connecting to Neposmart away from home), click "Check" (H) A popup window will display your external IP address. next to "Internet IP Address."

Onvif Settings (I)

Onvif (Open Network Video Interface forum) is a global and open industry forum designed to create a standard for surveillance and security products to communicate with each other. Neposmart supports Onvif 2.0.1 and can be connected with other devices that support Onvif. You can enable it by clicking "On." You can select a port number for it, but the default should be sufficient. If you would like it to prompt you for your username and password when you use Onvif, set "Authorization Check" to "On." Onvif is turned off by default.

Door/Garage Settings

Enable and disable the garage door control features of Neposmart. It also allows you to enable or disable alerts from your door/garage. You can also change the passwords and usernames for opening and closing the garage door in "Door Users."

Motion/Alarm

Motion Detection Ⓙ

Neposmart can track motion in four different locations
and send alerts when motion is detected in those specific areas with
varying sensitivity. Neposmart can also take snapshots and video clips
when motion is detected and save these snapshots and clips to an SD
card send via email, store to a FTP server or directly to your Dropbox
account (can be set up using iOS or Android devices). You can set the
sensitivity of each location to your liking.

☑ Window1	☑ Window2	☑ Window3	☐ Window4
Sensitivity : 50	Sensitivity : 50	Sensitivity : 50	Sensitivity : 50

Apply

Motion Alerts Ⓚ

You can set Neposmart to send alerts when motion is detected. It can save snapshots and video clips to an
inserted SD card or connected FTP server for processing. You can also change you email alert settings by
clicking "Email Alert Settings" Finally, you can set the internal camera in Neposmart to move to one of the eight
preset positions. The "Relay Out" setting cannot be used when Neposmart is connected to your garage door.
This feature is automatically disabled when the garage control features are enabled.

☐ Save Picture to SD Card

☐ Save Video to SD Card

☐ Save Picture to FTP Server   FTP Configuration

☐ Save Video to FTP Server

☐ Relay Out   5 Seconds

☐ Send Email Alert   Email Alert Configuration

☐ Move Camera to Position   1
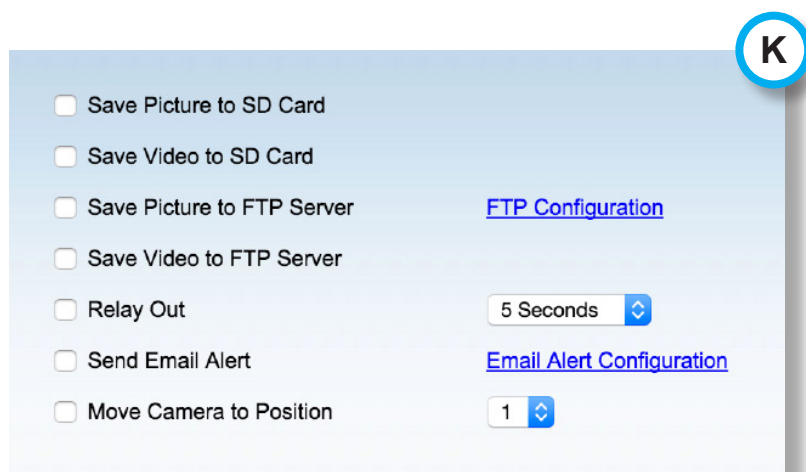
Door Sensor (L)

This allows you to change the settings of the magnetic switch that allows Neposmart to determine whether your garage door is opened or closed. The heavy duty magnetic switch that comes with Neposmart is an N.C. (Normally Closed) sensor. If by chance your Neposmart tells you that the door is opened when it is closed or closed when it is opened, change "Sensor Type" from "N.C." to "N.O." "Enable Door Sensor is turned off by default and you should enable it if you want your Neposmart to detect whether your Door/Garage is opene or closed by installing the supplied heavy duty magnetic door sensor for your rolling garage door

L

☑ Enable Door Sensor

Sensor Type : ○ N.O. (Normally Open)   ⦿ N.C. (Normally Closed)

Alarm Sound (M)

If you are using Neposmart to open and close your garage door, this should be set to "Off".

M

Alarm Sound: : ○ On ⦿ Off

Alarm Schedule (N)

You can set a schedule for motion alerts to be active. By default, motion alerts are active 24 hours a day seven days a week. If you don't want motion alerts to be active all the time, you can set it to turn on and off at set times.

N

Alarm Schedule

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	2
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

Apply   Select all   Clear all

Advanced

Neposmart has a number of advanced settings that you can change.

Device User Accounts O

There are two different kinds of accounts that can be used to log into Neposmart. Each account has different privileges and abilities. The Camera administrator can change any of the settings of Neposmart. A guest user can view video from Neposmart only and not pan or tilt the internal camera or change any other settings. If you have not changed the passwords of Neposmart when setting it up, change the passwords here to your liking and click "Apply" when you are finished. You may write down and store these passwords in a secure place or memorize them thoroughly.
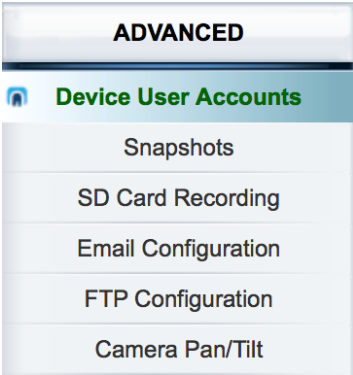
Device User Accounts

User Accounts	Username	Password	Retype Password
Administrator	admin	••••••	••••••
Guest	visitor	••••••	••••••

Apply   Cancel

Snapshots P

You can have Neposmart take snapshots at specified intervals and save them to an SD card or connected FTP server. If you don't want Neposmart to be taking snapshots around the clock, you can set a schedule for it here.

Snapshots

Take snapshots for storage on SD card every :   60   Seconds

☐ Save images to SD card

Take snapshots for storage on FTP server every :   60   Seconds

☐ Save images to FTP server   FTP Settings

Schedule for automatic snapshots :   Select all   Clear all

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Sun																								
Mon																								
Tue																								
Wed																								
Thu																								
Fri																								
Sat																								

SD Card Recording Q

You can have Neposmart record clips of video and save them to an SD card. If you don't want Neposmart to be recording video around the clock, you can set a schedule for this as well. You can set the quality of the video by choosing a stream, and you can set the quality of the stream in "Media Settings."

Email Configuration R

In the garage email and alert settings, you can have Neposmart send an email when your garage is opened or closed or motion is detected. First, you must pick an email address from which to send the alerts. When Neposmart sends the alerts, it will be sent from that email address. Enter this into "Sender Email Address" then enter the password for this email account in "Email Password." For the rest of the required information, refer to your email provider's documentation on setting up email accounts on email applications such as Microsoft Outlook, Apple Mail, Mozilla Thunderbird, and other email clients. You will need the SMTP server information and the server port among other things. When you have entered all this information, you can choose email addresses to notify when the garage door is opened or closed. Enter in "Send Alerts To." If you would like Neposmart to send a text message instead, refer to the documentation on your cellular carrier's email to SMS function. A list of email to SMS email addresses can be found at http://www.emailtextmessages.com.

If you are using Verizon for instance, and your number is 2031234567, then you would enter 2031234567@vtext.com in the list of email addresses to send alerts to.

You can customize the messages you receive when an alert is sent as well. When you are finished, tap "Apply" then click "Test" to test your settings. This will send a test message to all of the email addresses and phone numbers you set to receive alerts from Neposmart.

Commonly used SMTP email server:

SMTP Server	Port	Encryption
smtp.gmail.com	465	TLS
smtp.mail.yahoo.com	465	TLS
smtp.live.com	587	STARTTLS
smtp.comcast.com	465	TLS

FTP Configuration W

Neposmart can save pictures and video in an external FTP server. Depending on your FTP server, you maybe able to configure the computer running your FTP server to sync and save pictures and video from your FTP server to cloud services like   Google Drive, Copy, Dropbox, and other cloud storage services. Enter the address of your FTP server and the username and password that you use to access the FTP server. Click "Apply" when you are finished. You may click "Test" to test your settings.

W

FTP Server Address :

Server Port : 21

Username :

Password :

Path : ./

Passive Mode : ● On ○ Off

Test FTP Settings : [Test]   Please click Apply before clicking Test

[Apply]   [Cancel]

Multi-View Settings

If you are using Internet Explorer, you will see an additional set of settings called "Multi-view Settings." These settings allow you to view video from multiple Neposmart devices at one time. More information on using this setting can be found in the section on using the Internet Explorer web interface.

Camera Pan/Tilt X

You can set some of the panning and tilting settings of the Neposmart camera here. You can change the number of sweeps the Neposmart camera makes when you press the sweep buttons on the Neposmart desktop web interface (the two arrow buttons). You can also set how fast the Neposmart camera sweeps. Also, you can set Neposmart to center the camera when Neposmart is first turned on

X

Number of Sweeps : [1] (1-50)

Pan and Tilt Speed : [Fast ▼]

Center After Self Check : ○ On ● Off

System Settings

Device Information Ⓐ

You can find information about Neposmart here including the device ID, the type of network connection Neposmart is using, the version of the software running on Neposmart, the MAC address of the device, and the current network information. You can also see the status of an inserted SD card, browse the files in the card and format the card. To safely remove the SD card, click "Eject SD Card."

SYSTEM

Device Information

Date and Time

Initialize

System Log

A
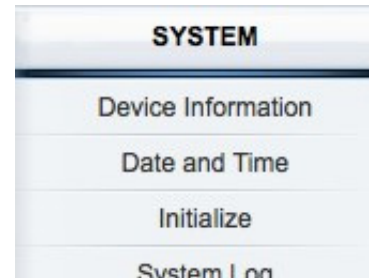
Device ID :	011abcd
Connected Clients :	4
Network Connection :	Wired Connection
Software Version :	V0.1.2.30
Web Version :	V0.0.0.7
MAC Address :	78:A5:DD:0A:AA:31
IP Address :	192.168.1.48
Subnet Mask :	255.255.255.0
Default Gateway :	192.168.1.1
Primary DNS Server :	192.168.1.1
Alternate DNS Server :	
Last Successful Boot :	2014-12-30 22:14:10
SD Card Status :	[Total Capacity : 495168KB Available : 481232KB]

View Contents of SD Card   Format SD Card   Eject SD Card

Date and Time Ⓑ

You can change the time and date of the Neposmart internal clock. You can choose whether Neposmart uses the network to set the clock automatically (using the network time protocol), set the time zone, set the clock based on the clock in your computer, and automatically adjust the clock for daylight savings time.

B

Current Date & Time :   2014-12-31 13:23:03

Use Network Time Protocol ☑

NTP Server :   time.windows.com ▼

Time Zone   (GMT-08:00) Pacific Time (America & Canada) ▼

☑ Automatically adjust clock for daylight savings

Sync With Computer Time   Apply

Initialize Ⓒ

You can restart Neposmart, restore factory settings, back up the settings
you are using (highly recommended), restore settings from a backup, or
upgrade the firmware of Neposmart

Restart Neposmart :   (Confirm)   **C**

Restore Factory Defaults :   (Confirm)

Backup Settings :   (Confirm)

Restore Settings :   (Choose File) no file selected   (Confirm)

Upgrade Firmware :   (Choose File) no file selected   (Confirm)

System Log

If you are having problems with Neposmart, you may be asked to check the system log of Neposmart by
Nepoware support.

Neposmart Quick Reference Card

It is often a good idea to keep records of certain settings of your Neposmart so that you can access your Neposmart more easily on the go or if you need to contact Nepoware support. Below is a sample card prefilled with information, and it is recommended that you make a similar card for your own use.

1	Device ID	005mzqq
2	DDNS	005mzqq.nwsvr1.com
3	Non- P2P Device ID	005mzqq
4	Location	Garage Door
5	IP adresss (Local)	192.168.1.16
6	Port Number	6264
7	Garage Port Number	6700
8	External IP address	24.16.97.108

You can find the device ID, and DDNS printed on the base of Neposmart. You can find the port number of Neposmart in "Network Settings"–>"Network" and find the IP address of Neposmart in "System"–>"Device Information." You can find the port for opening and closing the garage in "Garage Settings"–>"Garage Control."

As you may notice, passwords are not included on this card. Storing the password to Neposmart and the password for opening and closing your garage door separately is highly recommended.

Using Neposmart Away From Home

There are two modes provided by Neposmart to access your camera anywhere, anytime:

Method 1   P2P mode – This mode will enable you to access your Neposmart camera without any need for port forwarding. The networking feature inside your Neposmart will do all the heavy lifting to auto discover your IP address and port number automatically. This mode is used by your iOS app, Android app, Neposmartsearch program and the NeposmartPC program. In other words, if you are using your iPhone, iPad or Android devices running the Neposmart app, you can completely skip this section as there is no need to do any port forwarding. If you are running NeposmartPC program with your Windows PC, you can use the P2P mode to view your videos without the need for port forwarding.

Method 2 Non-P2P mode – This mode is used if you want to access your Neposmart remotely using a web browser from any devices. To enable remote access, you will need to do port forwarding in your router to map your external IP address to your individual camera units with its own local IP address and port number.

1. Go to the web settings for your Neposmart and enter your password to log in.

2. Click or tap "Network Settings" and "Network." Write down what it says under "Port Settings." **Note: If you have multiple Neposmart units, you may need to change the HTTP ports to have a unique one for each one.**

3. Click or tap "Garage Settings" and "Garage Control." Write down what is written in the field "Port for secure garage control." **Note: If you have multiple Neposmart units, you may need to change the garage ports to have a unique one for each one.**

4. Depending on the number of Neposmart devices you have, you may wish to repeat the above process multiple times.

5. When you are done, you should have a list that looks something like this:

Device	Local IP address	HTTP Port	Garage Port	Location
NepoSA	192.168.1.15	6264	6700	Garage A
NepoSB	192.168.1.16	6265	6701	Garage B
NepoSC	192.168.1.17	6266	Disabled	Living Room

6. Now, you will need to read the documentation that came with your router or modem to enable port forwarding. You can also look up specific instructions for your router at http://portforward.com. Port forwarding allows you to access Neposmart over the internet, and your external IP address is the address you can use to access your Neposmart away from home. You can find your external IP address by going to web setting on Neposmart, clicking "Network Settings"–>"Remote Access" then clicking "Check."

7. An example using Airport Utility on iOS is shown here, but what you see may be different depending on what router you may be using.

8. Log into your router using the instructions provided by the manufacturer. In the case of Airport Utility, tap, "Enter Password" enter the password, and tap "OK." Depending on your router, you may have to open a web browser and type in the IP address of your router to change settings, enter your password and username and tap or click "OK" or "Log In."

9. Port forwarding settings are usually found in the advanced settings category. In Airport Utility for instance, you will need to tap "Edit" then tap "Advanced."

10. You will need to set your router to forward a few ports. If you are using Airport Utility, tap "Port Settings" then tap "New Entry."

11. Depending on which functions of your Neposmart you want to use while you are away from home, you may need to forward up to two ports for each Neposmart you own. One port is for accessing the camera through the web, and the second is for opening and closing your garage.

12. Enter the private TCP port you want to forward and the IP address of the Neposmart. Enter a public TCP port (often you can use the same port number as in the private TCP port unless your ISP blocks it. Many ISPs allow IP cameras and related devices but block ports 80 and 8080 for instance). In many routers including the Apple AirPort Extreme and Express, you can name each entry something meaningful, but this is not necessary. If you have multiple Neposmart devices, set the public TCP ports to something unique for each device. This way, you can access each one separately. If you would like to access NepoSA for instance, and your external IP address is 98.12.34.56, you would enter http://98.12.34.56:6264, and if you would like to access NepoSB, you would enter http://98.12.34.56:6265. You can choose which Neposmart you are accessing by simply changing the port number you enter into your browser.

Device	Local IP address	HTTP Port	Garage Port	External Ports HTTP/Garage
NepoSA	192.168.1.15	6264	6700	6264/6700
NepoSB	192.168.1.16	6265	6701	6265/6701
NepoSC	192.168.1.17	6266	Disabled	6266/Disabled

13. When you are done, save these settings. In Airport Utility, you would tap "Done," "Done," and "Done" once more. Your router may need to restart to apply these settings. You might want to make a table like the one shown above for easy reference if you want to access your Neposmart away from home.

Troubleshooting Guide

Neposmart should generally be reliable and trouble-free, but should any problems arise, you can find solutions here.

1. Neposmart is not turning on.
    a. Make sure the AC adapter is connected securely to the DC port on the back of Neposmart.
    b. Make sure the AC adapter is connected securely to a powered outlet and no fuses or circuit breakers are tripped.

2. Neposmart cannot find any wireless networks.
    a. Make sure the Wifi antenna is securely connected to the back of Neposmart.
    b. Your network may be hidden. Use the web interface to connect your Neposmart to your wireless network
    c. Your wireless network may be out of range. Use a Wifi extender to extend the range of your wireless network.

3. Neposmart does not appear when I search for it on my Android or iOS device.
    a. Neposmart may not be connected to your network. Check the antenna or Ethernet cable to ensure that it is firmly connected. If the tab on the plug of your Ethernet cable is damaged, it may not connect securely.
    b. Check to make sure your Android or iOS device is actually connected to your home network and not the guest network, your neighbor's network, or cellular data.

4. I can't find the Neposmart app on my Android or iOS device.
    a. Go to the App Store on your iOS device or Google Play store on your Android device and search for "Neposmart." If the app is already installed, tap "Open" in the App Store or Google Play store to open the app.
    b. Make sure the device you are holding is actually yours. Many different devices look alike.

5. I can't see any video in the Neposmart app on my iOS or Android device.
    a. If you have just moved outside of your house, your device may be in the process of disconnecting you from your wireless network and connecting you to cellular data. The video may not appear momentarily as this switch occurs. If the video stops playing, you can restart the app to refresh the connection.
    b. You may not have a stable Internet or network connection on your device. This may cause the video to stop streaming momentarily.
    c. You can force your device to reconnect to Neposmart by returning to the list of Neposmart devices and swipe the screen down to refresh the device list and selecting your Neposmart device again.

6. I can't see any video in my web browser on Mac OS X.
    a. You may need to go to Terminal and type qtdefaults write TransportSettings HTTP 80.
    b. You may also need to change the audio compression to G.711 to hear the audio

7. I can't open and close my garage door from the Neposmart app on my iOS or Android device.
    a. You may want to check your settings to ensure that they are correct. Return to the device list, and tap the ⓘ if you are using iOS or the ⚙ if you are using Android. Go to the garage settings and check the password and username.
    b. Check to the wiring connecting Neposmart to your garage door to make sure everything is connected securely.
    c. Try opening and closing your garage door using the web interface on your computer or device to troubleshoot further. If you hear a faint click from Neposmart and your garage door is not opening or closing, there may be an issue with the way Neposmart is wired or connected. Try reconnecting the wires, and if the problem persists, contact Nepoware support.

8. I'm prompted for my password when I try to open and close my garage door with Neposmart from the web interface and my password isn't working.

    a. Neposmart has two different passwords. One password allows you to log into the device. The second password allows you to open and close your garage door. Make sure you are entering the password that opens and close your garage door. These two sets of passwords protect you by ensuring that someone needs to know two different passwords to open your garage door. If one is compromised, then you are still protected. To add additional security, the password that opens and closes the garage door is encrypted to make it more difficult to break. The default username for Neposmart is admin and the default password 123456. The default username for opening and closing the garage is garage and the default password is 2015. Make sure to change these passwords while you are setting up Neposmart.

    b. Go the web interface then go to "Garage Settings"–>"Garage Users" to change the password to open and close your garage door if you forgot the password you set.

9. I'm using Internet Explorer and have installed the ActiveX control, but I can't see video.

    a. Try closing and opening Internet Explorer. If you are prompted to allow or deny access, select allow and then click refresh.

    b. If you are using Internet Explorer 11, you need to enable Compatibility View. You can find more information on this in the section on setting up Neposmart using you Windows PC.

    c. You can troubleshoot by using a different browser such as Firefox or Chrome to view the video to determine whether Neposmart or your web browser is having problems.

10. The video is very choppy or the video quality is very poor.

    a. Check to see if Neposmart has a strong Wifi signal. Neposmart may not be able to deliver good video quality if the network connection is poor. Alternatively, you can connect Neposmart to your network using an Ethernet cable.

    b. Make sure the device you are using has a good network connection or cellular reception.

    c. You can use picture mode in the mobile web interface or change your video quality to low.

11. I changed my password and I can no longer connect to Neposmart from my Android or iOS device.

    a. If you changed the password of your Neposmart, restart the Neposmart.

    b. Make sure you are using the passwords.

12. I cannot access Neposmart away from home when using the web browser app.

    a. Check to make sure your ports are correctly forwarded, and make sure that you entered the correct port number into your browser. If your IP address is 98.12.34.56 and your port is 6264, enter http://98.12.34.56:6264.

    b. Check that you have the correct external IP address. Many Internet service providers change your external IP address from time to time. You can find your external IP address by going to web setting on Neposmart, clicking "Network Settings"–>"Remote Access" then clicking "Check."

13. I forgot my passwords.

    a. If you forgot the password you need to log into your Neposmart, you will need to reset Neposmart to factory settings. Push and hold the reset button on the rear of Neposmart for ten seconds. You will need to set your Neposmart up again. The default username is admin and the default password is 123456.

Safety Information and Product Care

Focusing the Neposmart Camera

While the factory-set focus of the camera in Neposmart is often sufficient, if the camera is used exclusively with night mode or daylight mode or is used to view very close objects or objects very far away, it may be necessary to focus the lens for a clearer picture.

1. Open the web interface of Neposmart or the Neposmart app on your device and set the video quality to maximum. You may also use VLC to view the video from the Neposmart camera when focusing the camera.

2. Point the camera at an object you would like to focus on

3. Slowly turn the focus ring on the camera until the object comes into focus. Keep in mind that there may be some lag in the video display. Turn the focus ring clockwise to focus on far-away objects and turn the focus ring counter-clockwise to focus on close-by objects.

Cleaning Neposmart

• To clean Neposmart, unplug Neposmart and turn off power to the garage door opener. Neposmart may be cleaned with a soft, damp (not dripping) cloth. Do not use abrasives to clean Neposmart. Do not expose Neposmart to alcohol or other solvents. They may damage the finish. Do not allow liquids to drip into Neposmart.

• To clean the camera lens, use a soft lens cleaning cloth dampened with lens cleaning solution to avoid scratching or damaging the lens. You may also use a blower bulb to gently blow dust off the lens.

Garage Safety

• Garage doors and related equipment are dangerous and can cause property damage, injury, and loss of life if misused. Please refer to your garage door manual for proper safety inspection procedures.

• Disconnect power before servicing anything connected to the garage door.

• Do not install Neposmart if your door does not have an electric eye or equivalent safety system that is properly aligned and working.

• Ensure that there is no one near the door when it is opening or closing.

• Safety inspections must be completed periodically to ensure safe door operation.

• Keep all garage door controls including Neposmart and devices with Neposmart installed away from children, and do not allow children to operate the garage door.

• Only use Neposmart with a properly lubricated and balanced garage door. Improperly balanced garage doors may not reverse properly, causing property damage, injury, or death.

• Never walk under an opening or closing garage door. If a balancing spring or mechanism fails, the door could fall shut suddenly, causing death or serious injury.

Environmental Hazards

• Remove all plastic film before use.

• Keep Neposmart away from dusty or damp environments.

• Do not expose Neposmart to extremely cold or hot conditions (such as over a hot air register or radiator).

• Neposmart may become warm during the course of normal operations. This is normal.

• Do not disassemble, drop, burn, or crush Neposmart or expose it to excessive vibration.

• Do not block air vents on Neposmart. This may cause overheating.

• Do not operate Neposmart in an area with a potentially explosive atmosphere such a place where fuel or explosive gases are stored or where there are large quantities of chemicals, grain, dust, or metal powders in the air.

• Do not force connectors into ports on Neposmart. If a connector cannot be inserted relatively easily, it may not match the port or may not be oriented correctly. Turn the connector over and try again.

• Do not twist or pinch cables or use cables that are frayed.

• Disconnect all cords by grasping the connector. Do not pull on cords to disconnect them.

• Use properly maintained and rated extension cords only. Frayed or damaged extension cords may cause fire or electrocution. Extension cords that cannot carry sufficient current may overheat causing fire or electrocution.

• Connect Neposmart to a surge protector and disconnect the device from power during a lightning storm.

• If liquid drips into Neposmart, disconnect it from power immediately. Do not use Neposmart if any of the cords or connectors are wet or submerged.

• Inspect mounting screws and anchors periodically.

• Additional information on the Neposmart environmental design specifications can be found in the specifications section.

Driving Safety

Use of electronic devices such as cellular telephones, tablets, and other devices while driving a vehicle or riding a bicycle is not recommended and may be illegal in some areas. Keep your eyes on the road at all times and be careful and attentive while driving.

Use hands-free features such as voice command and try to only operate your electronic device when your vehicle is stationary. Never enter text or dial while driving.

Using the Neposmart app while driving may be distracting. Do not perform any activities that may divert your attention from the road.

Regulatory Compliance Information

FCC Compliance Statement

Neposmart has been tested for compliance with part 15 of the FCC rules. Operation is subject to the following conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Neposmart generates, uses, and may radiate radio frequency energy. It may cause interference if not installed and used properly. If Neposmart does cause interference, you may reduce interference by:

• Move the antenna until interference stops.

• Move Neposmart to another location.

• Move Neposmart away from the affected equipment.

• Plug Neposmart into a power outlet on a different circuit (An outlet controlled by a different circuit breaker).
  If needed, contact Nepoware for assistance.

Changes to Neposmart may void FCC compliance and negate your authority to use Neposmart. This device has shown compliance when used with compliant peripherals to reduce the possibility of causing interference to other electronic devices.

Responsible party (contact for FCC compliance issues only):

Nepoware Corporation

Product Lifecycle and Disposal

When Neposmart reaches the end of its life, Neposmart must be disposed of properly in accordance with local, state, and federal laws. Neposmart contains a battery and electronic circuitry. Do not dispose of this device with household waste. Contact your local authorities for proper disposal and recycling procedures.

Technical Specifications

Installation Requirements

Computer System Requirements

• iOS 4.3 or later, Android Jellybean or later, Windows XP or later

• 32 or 64-bit Intel or AMD processor (x86 or x86-64 architecture) or 32 or 64-bit ARM processor

• Wireless or wired networking

• An internet connection to use Neposmart away from home.

Garage Requirements

• Safety eye or equivalent safety system

• Properly balanced garage door

• Compatible garage door opening unit

Neposmart Technical Specifications

Neposmart Hardware Specifications

• 540 Mhz ARM SoC with 128 MB RAM

• Hardware H.264 and MJPEG video encoder

• Hardware G.711 and G.726 audio encoder

• 10/100BASE-TX Ethernet (RJ-45 connector)

• 802.11 b/g/n (2.4 GHz only) wireless networking with detachable antenna

• Audio in via 3.5 mm TRS connector

• Audio out via 3.5 mm TRS connector

• Internal microphone

• Internal speaker with 3 watt amplifier

• SDHC slot supporting cards up to 32 GB

• Internal HD camera with night vision

• Two position-aware stepping motors for camera panning and tilting

Neposmart Camera Specifications

• ¼" 1.0 megapixel CMOS sensor

• 1280 x 800 full sensor resolution and 1280 x 720 usable resolution

• 12mm f/2.0 lens focusing manually from 5 mm to infinity. M12 x P0.5 mount.

• Maximum video resolution of 720p at 30fps. 640 x 360 at 30 fps or 320 x 180 at 30 fps also supported

• Automatic night mode with infrared LEDs (850nm) 10 meter maximum range

• Automatic infrared cut filter for clear pictures in bright daylight and complete darkness

• Motorized pan and tilt with a range of 350º side to side and 90º up and down

Neposmart Software Specifications

• Three video streams

• RTSP server for network video streaming

• SMTP support for sending alerts

• FTP client

• NTP support

• UPnP support for automatic port forwarding

• Wifi Protected Setup support for Wifi configuration

• DDNS support

• Motion detection

Operating Conditions and Physical Specifications

• Dimensions – 4.8"H x 4.3"W x 4.4"D (123 mm H x 110 mm W x 111 mm D)

• Weight – 0.78 lbs (356 g)

• Input Power – 100 to 240V, 50 to 60Hz, 0.3A

• Output Power – 5V DC 1500mA

• Temperature – 14º to 122ºF (-10º to +50ºC)

• Humidity – 10% to 80% relative humidity (non-condensing)

Warranty

NEPOSMART™ WARRANTY DISCLAIMER
The Neposmart™ app is licensed separately and is agreed to when downloaded from the Apple App Store, Google Play Store or Neposmart web site.

All technology, software, documentation and designs are the property of Nepoware Corporation. No rights are granted or transferred.

LIMITED WARRANTY INFORMATION

Nepoware Corporation will repair or replace (at our option) any product that is defective in material or workmanship pursuant to the terms of this limited warranty. This warranty extends to and benefits only the original purchaser.
We will provide, at no cost to you, a replacement for the defective equipment. Refurbished units or different models of similar functionality may replace defective equipment. All labor costs associated with the removal and reinstallation of equipment or wiring will be your responsibility. We reserved the right to inspect and/or verify any claimed defect.

The limited warranty periods are:

Model #NS14WG   Limited Warranty Period: 1 (One) year from date of purchase.

WE WILL NOT PAY FOR ANY DAMAGES, INCLUDING INCIDENTAL OR CONSEQUENTIAL DAMAGES, CAUSES BY OR RESULTING FROM A DEFECTIVE PRODUCT.

Some states do not allow the exclusion of incidental or consequential damages, so the above limitation may not apply to you.

Our warranty extends to normal usage when the product is installed, maintained and operated in accordance with the manufacturer's instructions. Our warranty shall not extend to or cover deterioration due to damage caused by fire, an act of God, other accident or casualty, vandalism, radiation, harmful fumes or foreign substances in the atmosphere, or occurring as a result of any physical damage or failure to follow all installation, maintenance and operational instructions. Nor shall our limited warranty extend to or cover any damages due to normal wear and tear, or claims with respect to any products that in any way or degree have been altered, processed, misused or improperly handled or installed.

FAILURE TO OPERATE THE PRODUCT IN A SAFE OR UNLAWFUL MANNER OR IN ANY WAY OTHER THAN AS SPECIFICALLY SPECIFIED IN THE MANUAL SHALL NOT BE COVERED BY THIS WARRANTY.

This warranty does not cover data loss, or costs related to data recovery. Nepoware makes no warranty that the software provided with the Product will function without interruption or otherwise be free of anomalies, errors or viruses. This warranty does not cover any costs relating to removal, replacement, or installation of any Product, regardless of whether the Product is found by Nepoware to be defective, or software installed on the user's computer or mobile device. Nepoware reserves the right to make changes to its products without incurring any obligation to modify any product that has already been manufactured. This warranty does not cover any alteration or damage to any other software that may be or may become resident on the users system as a result of installing the software provided.

REPAIR OR REPLACEMENT AS PROVIDED IN THIS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. THIS WARRANTY IS IN LIEU OF OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE, AND NEPOWARE NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER OBLIGATION OR LIABILITY IN CONNECTION WITH THE SALE OR SERVICE OF THE PRODUCT. IN NO EVENT SHALL NEPOWARE BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING FROM THE USE OF THE PRODUCT OR ARISING FROM THE MALFUNCTIONING OR NON-FUNCTIONING OF THE PRODUCT, INCLUDING, WITHOUT LIMITATION, LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, DAMAGE TO OR LOSS OF PROPERTY, INJURIES TO OR DEATH OF ANY PERSON, AND CLAIMS AGAINST THE PURCHASER BY ANY THIRD PERSON, EVEN IF NEPOWARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. NEPOWARE DOES NOT WARRANT THAT THE PRODUCT OR ITS SOFTWARE WILL OPERATE WITH ANY OTHER PRODUCT OR SOFTWARE IN AN ERROR-FREE MANNER. NEPOWARE IS NOT RESPONSIBLE FOR CHARACTERISTICS OF THIRD PARTY HARDWARE OR SOFTWARE WHICH MAY AFFECT THE OPERATION OF THE NEPOSMART SOFTWARE OR HARDWARE INCLUDED.

WITHOUT LIMITING THE FOREGOING, NEPOWARE DOES NOT MAKE ANY CLAIMS OR WARRANTIES OF ANY KIND WHATSOEVER REGARDING THE PRODUCT'S POTENTIAL, ABILITY OR EFFECTIVENESS TO PREVENT, MINIMIZE, OR IN ANY WAY AFFECT PERSONAL OR PROPERTY DAMAGE OR INJURY. NEPOWARE IS NOT RESPONSIBLE FOR ANY DAMAGE, LOSS OR THEFT RELATED TO THE PRODUCT OR TO ITS USE FOR ANY HARM, WHETHER PHYSICAL OR MENTAL RELATED THERETO. ANY AND ALL CLAIMS OR STATEMENTS, WHETHER WRITTEN OR VERBAL, BY SALESPEOPLE, RETAILERS, DEALERS OR DISTRIBUTORS TO THE CONTRARY ARE NOT AUTHORIZED BY NEPOWARE, AND DO NOT AFFECT THIS PROVISION OF THIS WARRANTY.

This warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

LIMITATION OF LIABILITY

NEPOWARE PROVIDES YOU INFORMATION REGARDING YOUR NEPOSMART ("PRODUCT") OR OTHER PERIPHERALS CONNECTED TO YOUR PRODUCT ("PRODUCT PERIPHERALS"). THE TYPE OF PRODUCT PERIPHERALS THAT MAY BE CONNECTED TO YOUR PRODUCT MAY CHANGE FROM TIME TO TIME. WITHOUT LIMITING THE GENERALITY OF THE DISCLAIMERS ABOVE, ALL PRODUCT INFORMATION IS PROVIDED FOR YOUR CONVENIENCE,"AS IS", AND "AS AVAILABLE".

NEPOWARE DOES NOT REPRESENT, WARRANT, OR GUARANTEE THAT PRODUCT INFORMATION WILL BE AVAILABLE, ACCURATE, OR RELIABLE OR THAT PRODUCT INFORMATION OR USE OF THE SERVICES OR PRODUCT WILL PROVIDE SAFETY IN YOUR HOME OR BUSINESS. YOU USE ALL PRODUCT INFORMATION AND THE PRODUCT AT YOUR OWN DISCRETION AND RISK. YOU WILL BE SOLELY RESPONSIBLE FOR (AND NEPOWARE DISCLAIMS) ANY AND ALL LOSS, LIABILITY, OR DAMAGES, INCLUDING TO YOUR WIRING, FIXTURES, ELECTRICTY, HOME, PRODUCT, PRODUCT PERIPHERALS, COMPUTER, MOBILE DEVICE, AND ALL OTHER ITEMS AND PETS IN YOUR HOME OR BUSINESS, RESULTING FROM YOUR USE OF THE PRODUCT INFORMATION OR PRODUCT.

NEPOWARE DOES NOT REPRESENT, WARRANT, OR GUARANTEE THAT THE PRODUCT OR SERVICES WILL BE COMPATIBLE WITH ALL PERIPHERALS, GARAGE DOOR OPENER EQUIPMENT, MOBILE SERVICE PROVIDERS (E.G. VERIZON, T-MOBILE, AT&T…), OR CLOUD BASED SOFTWARE/SERVICES.
PRODUCT INFORMATION PROVIDED BY THE SERVICES IS NOT INTENDED AS A SUBSTITUTE FOR DIRECT MEANS OF OBTAINING THE INFORMATION. FOR EXAMPLE, A NOTIFICATION PROVIDED THROUGH THE SERVICE IS NOT INTENDED AS A SUBSTITUTE FOR AUDIBLE AND VISIBLE INDICATIONS IN THE HOME AND ON THE PRODUCT, NOR FOR A THIRD PARTY MONITORING SERVICE THAT ACTIVELY OR PASSIVELY MONITORS ALARM STATE.

Whenever operating a garage door you must always maintain visual site of the door and are fully responsible to make sure there are no persons, cars or other obstacles in the way. Failure to follow this may be unlawful and will void any warranty.

KEEP THIS DOCUMENT FOR YOUR RECORDS